

Other Attachment File(s)

* Mandatory Other Attachment Filename:

Add Mandatory Other Attachment

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To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment

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View Optional Other Attachment

Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

03/25/2022

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

FL

8. APPLICANT INFORMATION:

* a. Legal Name:

National Coalition of 100 Black Women - Central Florida

* b. Employer/Taxpayer Identification Number (EIN/TIN):

27-3533062

* c. Organizational DUNS:

0409252390000

d. Address:

* Street1:

815 Hills Street

Street2:

* City:

Orlando

County/Parish:

Orange

* State:

FL: Florida

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

32805-1621

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Ms.

* First Name:

Lawanna

Middle Name:

* Last Name:

Gelzer

Suffix:

Title:

Organizational Affiliation:

National Coalition of 100 Black Women - Central Florida

* Telephone Number:

14079535599

Fax Number:

* Email:

lawannagelzer@aol.com

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.034

CFDA Title:

Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities
Relating to the Clean Air Act

* 12. Funding Opportunity Number:

EPA-OAR-OAQPS-22-01

* Title:

Enhanced Air Quality Monitoring for Communities

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

The formation of a multicultural and multilingual Community Air Quality Advisory Council to report
Community Science Air Quality
data from underserved communities to the public and to local government

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="440,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="440,000.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed:



EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name:	Prefix: Ms.	First Name: Lawanna	Middle Name:
	Last Name: Gelzer		Suffix:
Title:	President		
Complete Address:			
Street1:	815 Hills St		
Street2:			
City:	Orlando	State:	FL: Florida
Zip / Postal Code:	32805-1621	Country:	USA: UNITED STATES
Phone Number:	14079535599	Fax Number:	
E-mail Address:	lawannagelzer@aol.com		

Payee: *Individual authorized to accept payments.*

Name:	Prefix: Ms.	First Name: Lawanna	Middle Name:
	Last Name: Gelzer		Suffix:
Title:	President		
Complete Address:			
Street1:	815 Hills Street		
Street2:			
City:	Orlando	State:	FL: Florida
Zip / Postal Code:	32805-1621	Country:	USA: UNITED STATES
Phone Number:	14079535599	Fax Number:	
E-mail Address:	lawannagelzer@aol.com		

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name:	Prefix: Ms.	First Name: Lawanna	Middle Name:
	Last Name: Gelzer		Suffix:
Title:	President		
Complete Address:			
Street1:	815 Hills St		
Street2:			
City:	Orlando	State:	FL: Florida
Zip / Postal Code:	32805-1621	Country:	USA: UNITED STATES
Phone Number:	14079535599	Fax Number:	
E-mail Address:	lawannagelzer@aol.com		

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:
Title:

Complete Address:

Street1:
Street2:
City: State:
Zip / Postal Code: Country:
Phone Number: Fax Number:
E-mail Address:

Project Narrative File(s)

* **Mandatory Project Narrative File Filename:**

Add Mandatory Project Narrative File

Delete Mandatory Project Narrative File

View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File

Delete Optional Project Narrative File

View Optional Project Narrative File

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name:

Address:

City:

State:

Zip Code:

B. DUNS No.

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R. 5.140 and 7.95)

☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing?

☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?

☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator?

☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. 7.85(a))

☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166)

☒ Yes ☐ No

- X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

N/A

- XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet Address for, or a copy of, the procedures.

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official

Lawanna R Gelzer

B. Title of Authorized Official

President

C. Date

03/25/2022

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. *Signature of Authorized EPA Official

B. Title of Authorized Official

C. Date

*** See Instructions**

Instructions for EPA FORM 4700-4 (Rev. 06/2014)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.

Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973. The Executive Order 13166 (E.O. 13166) entitled; "Improving Access to Services for Persons with Limited English Proficiency" requires Federal agencies work to ensure that recipients of Federal financial assistance provide meaningful access to their LEP applicants and beneficiaries.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any entity, other than applicant, which will actually receive EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means any review assessing the applicant's and/or recipient's compliance with laws prohibiting discrimination on the basis of race, color, national origin, sex, age, or disability. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification. * Note: Signature appears in the Approval Section of the EPA Comprehensive Administrative Review For Grants/Cooperative Agreements & Continuation/Supplemental Awards form.

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2022

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-OAR-OAQPS-22-01	0.00	\$	\$	440,000.00	\$	440,000.00
2.						
3.						
4.						
5. Totals		\$	\$	440,000.00	\$	440,000.00

Standard Form 424A (Rev. 7-97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	EPA-OAR-OAQPS-22-01				
a. Personnel	\$ 0.00	\$	\$	\$	\$ 0.00
b. Fringe Benefits	0.00				0.00
c. Travel	0.00				0.00
d. Equipment	44,500.00				44,500.00
e. Supplies	67,670.00				67,670.00
f. Contractual	299,180.00				299,180.00
g. Construction	0.00				0.00
h. Other	7,700.00				7,700.00
i. Total Direct Charges (sum of 6a-6h)	419,050.00				\$ 419,050.00
j. Indirect Charges	20,950.00				\$ 20,950.00
k. TOTALS (sum of 6i and 6j)	\$ 440,000.00	\$	\$	\$	\$ 440,000.00
7. Program Income	\$ 0.00	\$	\$	\$	\$ 0.00

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	EPA-OAR-OAQPS-22-01	\$ 0.00	\$	\$	\$ 0.00
9.					
10.					
11.					
12. TOTAL (sum of lines 8-11)		\$ 0.00	\$	\$	\$ 0.00

SECTION D - FORECASTED CASH NEEDS					
Total for 1st Year		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 265,000.00	\$ 88,000.00	\$ 66,000.00	\$ 66,000.00	\$ 45,000.00
14. Non-Federal	\$				
15. TOTAL (sum of lines 13 and 14)	\$ 265,000.00	\$ 88,000.00	\$ 66,000.00	\$ 66,000.00	\$ 45,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b) First	(c) Second	(d) Third	(e) Fourth
16.	EPA-OAR-OAQPS-22-01	\$ 265,000.00	\$ 175,000.00	\$ 0.00	\$ 0.00
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)		\$ 265,000.00	\$ 175,000.00	\$ 0.00	\$ 0.00

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 419050.00	22. Indirect Charges: 20950.00
23. Remarks:	

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Standard Form 424A (Rev. 7-97)
Prescribed by OMB (Circular A -102) Page 2

Manifest for Grant Application # GRANT13580288

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23535 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16145 bytes)

2. Form SF424_3_0-V3.0.pdf (size 24171 bytes)

3. Form SF424A-V1.0.pdf (size 22804 bytes)

4. Form EPA4700_4_3_0-V3.0.pdf (size 22609 bytes)

5. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15909 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37164 bytes)

Attachments Included in Zip File (total 2):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Coalition - Other Attachments for EPA Enhanced AQ Grant.pdf application/pdf (size 17742925 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-Coalition - EPA Enhanced AQ Monitoring Gant.pdf application/pdf (size 6165600 bytes)

I. Cover Page

Project Title: Enhancing Community AQ Monitoring in Underserved Black & Hispanic Communities in Orange County, FL

Applicant Information: Coalition of 100 Black Women of Central FL (Coalition); **Address** 815 Hills St, Orlando, FL 32805;

Primary contact: President Lawanna Gelzer, 407-953-5599, & LawannaGelzer@aol.com;

DUNS number: 040925239

Set-Aside: Community-based organization set-aside.

Brief Description of Applicant Organization: The Mission of the Coalition is to advocate for Black Women through national & local actions & strategic alliances to promote leadership development & gender equality in the areas of health, education & economic empowerment. Initiatives have included work on HIV/AIDS, teen pregnancy, HIFI's FL Disaster Resilience Initiative (FDRI), creation of a Climate Action Plan, AQ monitoring in 3 Historic Black communities & a unified effort to respond to COVID-19 in the hard hit underserved communities of color in Orange & Osceola Counties.

Project Partner(s): Partner Organizations (Partner Primary Contact Names): Christ the King Episcopal Church (Rev Dr Jose Rodriguez), Central FL Black Nurses Association of Orlando, Inc. (CFBNA) (Jennifer Sankey, Ph.D., MHA, BSN, RN, CPPS), Department of Civil, Environmental & Construction Engineering, University of Central FL (UCF) (Dr. Haofei Yu), Unitarian Universalist Service Committee (UUSC) (Heather Vickery), Rollins College Dept. of Social Entrepreneurship (Josephine Balzac-Arroyo, J.D., LL.M), Health Initiatives Foundation Inc. (HIFI) (Janice T. Booher, MS) and Community Science Teams in 14 zip codes (See LOCs attached.)

Project Locations: : The primary location(s) are in diverse census tracts in these communities with zip codes in Orange County, FL: South Apopka (32703), Azalea Park (32807), Eatonville (32751), Englewood (32807 & 32822), Oak Ridge (32839), Mercy Drive (32808), Orlo Vista (32811), neighborhoods in the Westside Alliance (32805), Pine Hills (32808 & 32818), Dover Shores (32803, 32806, 32812), Magnolia Towers (32801), South Colonialtown (32803) & Tangelo Park (32819).

Air Pollutant Scope: The target air pollutants are PM_{2.5}, VOCs & NO₂

Budget Summary

EPA Funding Request	Total Project Cost
\$440,000	\$440,000

Project Period: November 2022 - November 2024 (2 years)

Short Project Description: The goal of our project is to create a Community AQ Advisory Council (Council) comprised of representatives from underserved communities in Orange County, FL that is informed by Community Science AQ Monitoring. Activities will include: (1) a Community Science AQ monitoring program in underserved communities in Orange County, FL with Environmental Justice AQ indicators in at least the 80th percentile in the US, & deaths from asthma, chronic lower respiratory disease, diabetes, emphysema, cancer &/or heart disease in the top 4th quartile in FL; (2) Equitable process consultation on constituting a representative Council, (3) Technical support to the Council to assist participants serving on the council to understand the monitoring data; and (4) Policy support to draft documents that establish a

reporting process so the Community Science data will inform prioritization of further study in communities of color in Orange County, FL.

II. Workplan

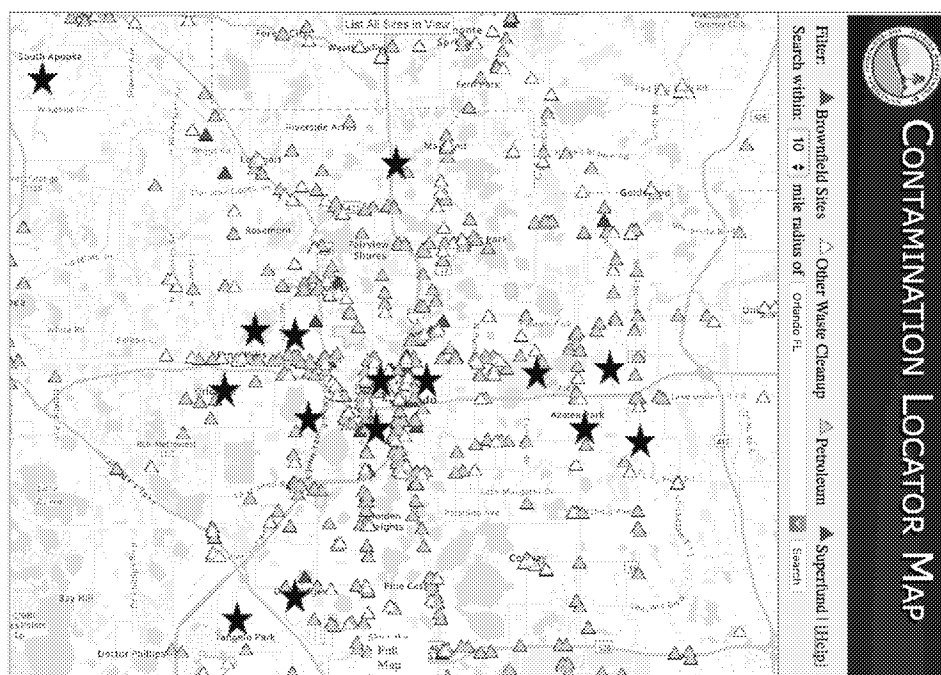
Section I - Project Summary & Approach:

A. Overall Project: Project Summary: The proposed project will create a Community AQ Advisory Council (Council) that receives AQ data from Community Scientists in underserved communities trained to monitor AQ with high quality monitors consistent with a QAPP. The Community Scientists & the Council will receive training on basic AQ science & on health effects of air pollution. Technical support on the equitable process needed to constitute a Council that is representative of participating underserved communities will be provided, including translation & interpretation. The Council will also receive technical support from the local university in response to questions they may have about their data, so Council members understand & can present the data submitted by the Community Science Teams to the public & to local government. Council will receive technical support to draft its founding documents, will assist with determining the best local governing body or bodies to which the Council will report, & the way(s) that the data may be used & reported. **Description of proposed activities:** *Activities related to establishing AQ monitoring in underserved communities:* 1) Education on air pollution & on health impacts of air pollution. 2) AQ monitoring with commercially available monitors consistent with an approved QAPP, 3) Training on use of AQ monitors & data stewardship consistent with the QAPP that includes at least PM_{2.5}, NO₂ & VOCs. 4) Coordination meetings, 5) Data reporting. *Activities related to establishment of a Community AQ Advisory Council:* 1) Linguistic & cultural translation of concepts of equity, inclusion, environmental justice & other relevant terms, 2) Meetings to deliberate & educate about documents needed to govern Council structure & process, 3) Development of strategies to address local AQ public health issues, 4) Public noticing & recruitment of Council members. *Activities related to the use of Community Science AQ monitoring to inform prioritization of further study of AQ issues:* 1) Drafting guidance & process documents, 2) Discourse between community leaders from underserved communities & local government with the intention of establishing a reporting relationship to local government from the Council to inform decisions establishing priorities for locations in need of further AQ study.

B. Project Significance: The extent of the environmental or public health problem the proposed project will address: The environmental & public health problem being addressed includes poor AQ, health impacts of air pollution, & loss of trust in government resulting from a long term systemic policy that has 1) placed fossil fuel energy & transportation infrastructure in underserved communities & 2) removed natural assets that could mitigate air pollution in underserved communities in favor of clearing land for fossil fuel energy & transportation infrastructure. AQ monitors for pollutants of concern are not placed in the communities, & where Superfund sites & Brownfields have been identified, no testing has been done to assess air toxins on property adjacent to those sites. No comprehensive health disparities study has been conducted. The deaths of young people who lived near some of these sites have caused fear. Deforestation of the BIPOC underserved communities of Mercy Drive & Tangelo Park, occurring simultaneously with the greening of less diverse neighborhoods in the county, & the encouragement of urban gardening in soil that many residents fear is toxic, have eroded public trust. Lack of inclusion of community proposed solutions to mitigate air pollution impacts of

deforestation were ignored, leaving a legacy of distrust & disenfranchisement. As the COVID-19 pandemic has demonstrated, trust is an essential component of public health. **Current environmental impacts or burdens located around the proposed project:** Close proximity to traffic as well as to gas stations & other fossil fuel transportation infrastructure in participating underserved communities increases the number of petroleum cleanup sites.

Map 1 Current contamination locations in the Orlando metropolitan areas. The triangles show the concentration of Brownfields (blue), petroleum contamination sites (green), Superfund sites (red) & Other waste cleanup sites (yellow). Stars represent participating communities.¹



Needs & concerns of residents that will be addressed include:

- 1) Lack of AQ monitors for pollutants of concern in underserved communities,
- 2) Lack of reliable community-level data that is understood & trusted,
- 3) Lack of inclusion in decision-making about priorities for further study,
- 4) Fear of toxic air.

The proposed project will address these problems in the following ways: 1) Provide relatively low cost high quality monitors to trained Community Scientists who live, work or worship in underserved communities, 2) Educate about AQ & the health effects of air pollution to help reduce misinformation & rumors, & help residents understand technical information so they can have greater situational awareness & ability to evaluate information from government sources. Community Scientists will gather data that is shared with the community on a public facing dashboard & with local government. If the data aligns with what the communities are being told regarding their AQ or if the data can inform priorities for further study, then it will increase trust. 3) Establishment of a reporting relationship from the Council to local government will provide a way to inform decision-making about priorities for further study. 4) Fear of health impacts, including death, will be addressed by education about behavioral modification & modification of homes in ways that reduce exposure to ambient air pollution & protect health.

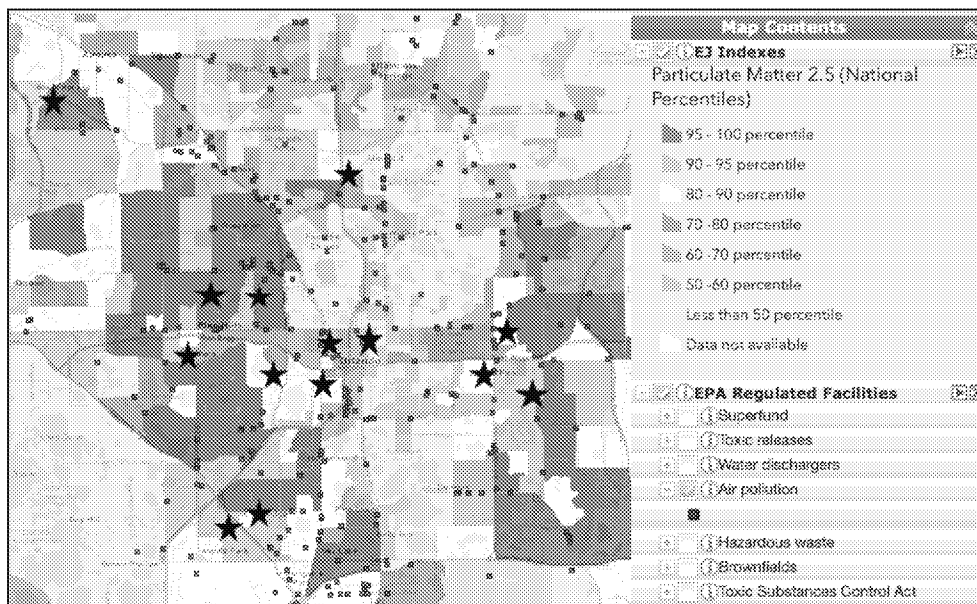
¹ [FL Department of Environmental Protection Contamination Locator Map](#)

Zip Code (0.5 mile Buffer)	NATA* Diesel PM (µg/m3)	Percentile in the NATA* Air Toxics Cancer Risk (risk per MM)	NATA* Respiratory Hazard Index	Superfund Proximity (site count/km distance)	RMP Proximity (facility count/km distance)
32703	0.349 (70-80th %ile)	30 (80-90th %ile)	0.4 (80-90th %ile)	0.083 (60th %ile)	2.1 (91st %ile)
32751	0.543 (90-95th %ile)	30 (80-90th %ile)	0.4 (80-90th %ile)	0.19 (84th %ile)	3 (95th %ile)
32801	0.645 (90-95th %ile)	30 (80th - 90th %ile)	0.5 (95 - 100th %ile)	0.19 (84th %ile)	2.4 (93rd %ile)
32803	0.556 (90-95th %ile)	38 (95 - 100th %ile)	0.5 (95 - 100th %ile)	0.13 (74th %ile)	2.4 (93rd %ile)
32805	0.605 (70 - 80th %ile)	30 (80 - 90th %ile)	0.5 (95 - 100th %ile)	0.19 (85th %ile)	1 (77th %ile)
32806	0.625 (90 - 95th %ile)	30 (80 - 90th %ile)	0.5 (95 - 100th %ile)	0.16 (81st %ile)	2.3 (92nd %ile)
32807	0.571 (90-95th %ile)	30 (80-90th %ile)	0.5 (95 - 100th %ile)	0.13 (74th %ile)	1.1 (77th %ile)
32808	.604 (90-95th %ile)	30 (80-90th %ile)	0.5 (95 - 100th %ile)	0.34 (92nd %ile)	1.3 (81st %ile)
32811	0.583 (90-95th %ile)	30 (80-90th %ile)	0.5 (95-100th %ile)	0.16 (81st %ile)	1.4 (83rd %ile)
32812	0.546 (90-95th %ile S)	31 (80 - 90th %ile)	0.5 (95 - 100th %ile)	0.1 (68th %ile)	2.4 (93rd %ile)
32818	0.546 (90-95th %ile)	30 (80-90th %ile)	0.5 (95 - 100th %ile)	0.16 (80th %ile)	1.5 (84th %ile)
32819	0.571 (90-95th %ile)	30 (80-90th %ile)	0.7 (95 - 100th %ile)	0.087 (62nd %ile)	2.2 (92nd %ile)
32822	0.49 (80-90th %ile)	30 (80-90th %ile)	0.7 (95 - 100th %ile)	0.11 (71st %ile)	0.79 (70th %ile)
32839	0.599 (90 - 95th %ile)	30 (80-90th %ile)	0.5 (95th - 100th %ile)	0.11 (70th %ile)	0.64 (65th %ile)

Table 1.
Percentiles in the
US for EPA
EJSCREEN
Environmental
indicators:

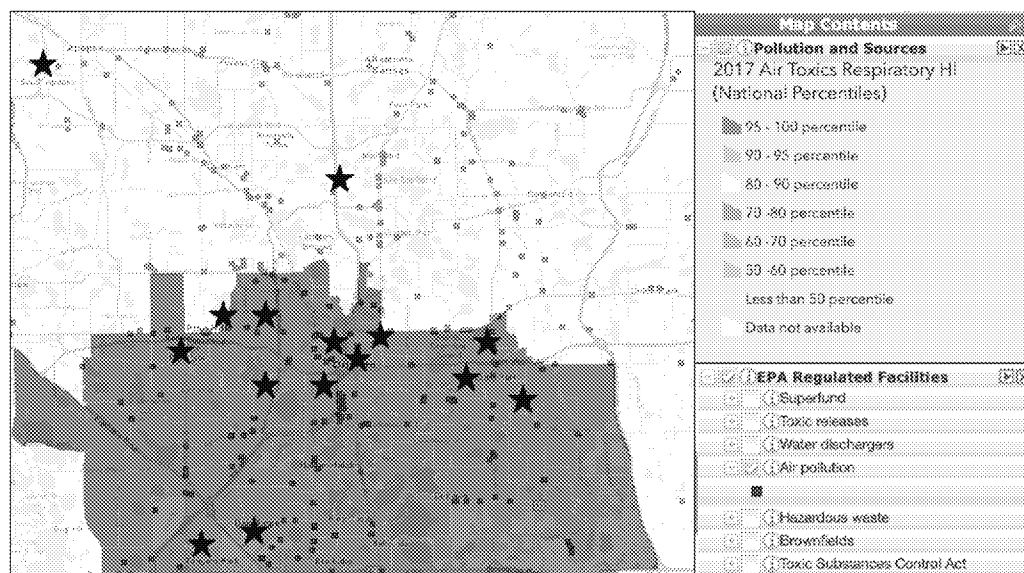
Zip codes with participating communities have 3 or more environmental indicators at or above the 80th percentile in the US.

Map 2: Particulate Matter 2.5 & EPA Regulated Facilities for Air pollution:



Particulate matter is in the 95-100th national percentile in South Apopka (32703), Pine Hills (32808) & Mercy Drive (32818) & in areas east of the Executive Airport. Participating communities are indicated by black stars.

Map 3: 2017 Air Toxics Respiratory Hazard Index & EPA Regulated Air Pollution Sources.



All but 2 of the participating communities are in locations in the national 95th - 100th percentile of the 2017 Air Toxics Respiratory Hazard Index. Participating communities are indicated by stars.

Demographics & Geographic Locations: Eleven of the 14 zip codes have POC majorities (in bold in Table 2) & 10 of the 14 zip codes have low income populations at or greater than 50%. The over age 64 population ranges from 7% to 19% in these communities, & is at least 15% in 6 of the 14 zip codes. The population under age 5 in participating communities ranges from 4% to 10%. Participating communities are diverse & underserved as defined by presence of people of color, low income, elderly, children, & those whose pre-existing medical conditions make them vulnerable to the adverse effects of air pollution. (See Table 4.)

Zip Code	% POC	% Low Income	Over Age 64	Under Age 5
32703	80%	60%	15%	6%
32751*	32%	30%	19%	4%
32801*	38%	32%	17%	4%
32803*	37%	24%	11%	5%
32805	96%	75%	7%	7%
32806	66%	60%	10%	5%
32807	78%	54%	15%	6%
32808	91%	67%	13%	9%
32811	87%	55%	15%	5%
32812	62%	50%	9%	6%
32818	89%	54%	12%	10%
32819	67%	47%	6%	5%
32822	73%	50%	17%	7%
32839	85%	64%	8%	7%

Table 2

Demographic data from EPA EJSCREEN using a 0.5 mile ring around the Zip Code geolocation point.

*In zip code 32803, we will be working in census tract **018400: 49.4% POC** (8.08% Asian, 33% Hispanic, 6.97% Black & 1.35% mixed race).

Adjacent to & just north of census tract 184000, census tract **018200** is **52.1% POC** (18.3% Asian, 13.83% Black & 18.3% Hispanic & 1.61% Mixed). We will be working in the Historic Black Town of Eatonville in Zip Code 32751, which is **85.6% POC** (0.1% Asian, 78.6% Black, 6.3% Hispanic & 0.6% Mixed). In 32801 we will be working in census tract **018900: 54.4% POC** (3.509% Asian, 35.2% Black, 12.56% Hispanic & 1.15% Mixed).² **Participating communities have potentially greater vulnerability to environmental burdens** because they have higher rates of chronic lower respiratory disease, asthma, emphysema, diabetes, heart disease & cancer, & other health disparities. (See Table 4.)

Community History The Coalition has participated in & served as both fiduciary & administrator for projects that unite the underserved communities to address complex public health issues including HIV/AIDS, teen pregnancy, violence, EJ, disaster resilience, climate change, AQ & COVID-19. The partners in this effort have joined together to fight rumors & misinformation about COVID-19 & have teamed up with vaccination providers to assure that there are culturally appropriate outreach efforts & vaccination events in BIPOC communities. Segregation caused Blacks to be forced to the area west of “Division Street” in Downtown Orlando. In the 1920s, most of the land in Parramore was zoned for industrial use, even where homes were located. Most of the Parramore streets were unpaved & there was a lack of city services, such as indoor plumbing, while the neighborhoods to the north & east of Parramore were enjoying paved roads, water & wastewater services. Several industrial & agricultural uses on land within the community led to a negative impact on the environment including Brownfields & Superfund sites. The Parramore & Holden Heights neighborhoods are part of a larger community that stretches across US 441 & extends all the way to John Young Parkway. Many of the residents of the neighborhoods west of US 441 originally lived in Parramore & moved when lending practices & available capital allowed Black residents to purchase single family homes in neighborhoods like Washington Shores & other neighborhoods currently in the West Side Alliance. Many elderly residents of Parramore on fixed incomes moved to Mercy Drive as Section 8 housing became available there. Interstate 4 (I-4) was constructed in the 1960s & East-West Expwy (SR-408) was constructed in 1973, which further fragmented the neighborhoods & displaced residents & businesses. The East-West Expressway corridor now has a substantial Hispanic population, much of which is concentrated around the Executive Airport & into Azalea Park. The extensive highway construction brought about the destruction of homes, businesses & cultural institutions and increased exposure to air pollution. There is a substantial Puerto Rican community in Azalea Park & Dover Shores, that stretches west to Magnolia Towers in 32801. Christ the King Episcopal Church has provided a grassroots unifying force that has been committed to providing psychosocial support for climate displaced families from Puerto Rico after Hurricane Irma. HIFI’s FL Disaster Resilience Initiative brought the Black & Hispanic groups in the urban center together with the largely Hispanic Farmworkers Association in South Apopka. **Project benefits to the public:** Long term benefits are expected to be: 1) cleaner & healthier air & improved AQ in underserved communities, 3) greater understanding of AQ, 4) greater civic engagement with local government 5) increased trust & 6) increased digital & scientific literacy.

Potential audience(s) served include: 1) residents of the underserved communities in which monitoring will occur; 2) residents of Orange County more broadly; & 3) local government that does not have AQ data on air pollutants of concern from monitors in underserved communities.

² 2019 ACS Data in the US Demographic & Statistical Atlas

Section 2-Community Involvement: The community that will be engaged includes underserved BIPOC communities in 14 zip codes that are experiencing common socioeconomic & environmental health challenges. (See Section 3.)

A.Community Partnerships: The planned roles of each partner listed in our Project Summary:

Organization	Contact	Responsibilities	Resources/Expertise	Benefit Beyond Financial
Coalition of 100 Black Women of Central FL	President Lawanna Gelzer	Project administration, Fiduciary, hiring & firing, coordination of BIPOC communities, equitable process & dialogue with local government	Finance & accounting, federal grant mgmt, EJ, equity, public health education & advocacy	Supports the Mission, builds relationships & civic muscle, & improves environmental health in communities served
Christ the King Episcopal Church/Iglesia Episcopal de Jesu de Nazaret	Rev. Dr. Jose Rodriguez	Coordination of participating Hispanic communities, environmental engineers, translation & interpretation, equitable process & dialogue with local government	Translation, expertise in migrant population trauma, environmental engineering, social justice, meeting spaces in the communities	Supports commitment to compassionate social justice work in underserved communities, builds relationships, & improves environmental health in communities served
Central FL Black Nurses Association of Orlando, Inc.	President Jennifer Sankey, Ph.D., MHA, BSN, RN, CPPS	Education regarding health effects of air pollution & work with the Council on health implications of the data	Medical & public health outreach education expertise, presentation materials & fact sheets as needed	Supports the Mission, builds relationships & civic muscle, & improves the environmental health in communities served
Department of Civil, Environmental & Construction Engineering, University of Central FL	Dr. Haofei Yu	Education regarding AQ & interpretation of AQ data	Expertise: air pollution emissions, especially transportation emissions, urban AQ modeling & mgmt, air pollution exposure & health impact analysis, reference monitors for PM _{2.5} & CO ₂ and AQ lessons	Consistent with UCF academic support of underserved communities with a subject matter expert, Supports the environmental justice work of the Dept of Civil, Environmental & Construction Engr., UCF
Unitarian Universalist Service Committee (UUSC) - Equity Committe	Heather Vickery	Equitable process facilitation, Deliberative dialogue consultation, coordination of Council formation & mgmt process	Translation, interpretation, expertise in multi-cultural & multilingual collaboration & advocacy	Addition to the UUSC Equity Portfolio of programmatic activity
Rollins College Dept. of Social Entrepreneurship	Josephine Balzac-Arroyo, J.D., LL.M	Drafting documents, process guidance & dialogue mediation with local government	Legal expertise in civil rights, civic engagement, environmental consulting & Earth jurisprudence	Consistent with academic support of BIPOC communities with a subject matter expert, Rollins Coll.
Health Initiatives Foundation Inc.	Janice T. Booher, MS	Coordination with Environmental Engineers & Academic partners, Reporting Oversight including QAPP, Dashboard maintenance, Data Librarian	Subject matter expertise in EJ, Equitable project mgmt in BIPOC communities, Community Science & dashboard design, data sharing with the underserved	Continuation of support for health, emergency management & community development in CFL consistent with HIFT's Mission

The Coalition plans to maintain & sustain these relationships into the future by continuing to engage in community collaborative problem solving & by encouraging data-centered collaboration among ethnic & racial groups in underserved BIPOC communities.

Community Engagement: Proposal Co-design: Community leaders in BIPOC underserved communities with AQ concerns attended meetings to contribute to project design. See *Other Attachments* for letters of commitment. Council formation will engage people from BIPOC underserved communities in an equitable co-design process facilitated by personnel experienced in multilingual & multicultural collaboration. Community engagement & partnership efforts will include 1) a coordinated grassroots AQ monitoring program, 2) public sharing of data reports on the Central FL Dashboard 3) policy technical support to allow the Council to submit reports to local government, 4) mediation of dialogue with local government. This strategy is expected to ensure that Community Science data is usable, accessible to the public, & will be shared with local government in a practicable amount of time. Past collaborative efforts among the partners & communities in this proposal include: 1) HIFI's FL Disaster Resilience initiative in 13 of the communities, resulting in subsequent coordinated community-level disaster response to hurricanes, 2) collaboration on the creation of a Community Climate Action Plan, 3) The 3 historic Black communities of Parramore, Holden Heights & Mercy Drive are currently collaborating on EPA EJ Grant # *01D15120*, monitoring AQ at specific heavy traffic locations in these communities. 4) The Coalition is working to unite Black & Hispanic grassroots, faith, neighborhood & civic groups to employ community members as Community Health Workers & Equity Ambassadors to decrease misinformation & vaccine hesitancy & to increase vaccinations under CDC subgrant #NU21IP000596-01-00. 5) Additional survey efforts under HRSA subgrant #1 U3UHS45469-01-00 are employing community members in efforts to assemble baseline data on wellness & on vaccine hesitancy in BIPOC communities. 6) UUSC is supporting the Coalition's Youth Environmental Equity Ambassadors.

A.Community-Based Organization Set-Aside: The Coalition helps communities in CFL obtain environmental, health & educational social services. Ongoing programs where the Coalition represented the community's interests include: 1) the Regina Benjamin MD Annual Community Health Fair, 2) HIV/AIDS Awareness testing, peer to peer counseling, & informative & supportive community meetings, 3) Teen & Unplanned Pregnancy Prevention (TUPP), resulting in healthier pregnant teens, & teens connected to health programs, 4) Project I.A.M. to improve educational opportunities for high risk communities. 5) The Coalition hosted the Surgeon General to speak on environmental public policy, and 6) presented the status of EJ work at FL Black Legislative Caucus Annual conferences. 7) The Coalition is currently serving as fiduciary for HRSA and CDC funds to address impacts of COVID-19 in BIPOC underserved communities.

Section 3 - Environmental Justice (EJ) & Underserved Communities

The proposed project will engage people who live, work or worship in underserved communities in meaningful Community Science & civic engagement activity: 1) Measurement of air pollutants in underserved BIPOC communities with heavily traveled roads & fossil fuel infrastructure & 2) Council formation and data reporting to the public & to local government. This EJ project will engage expertise regarding AQ, equity & environmental health policy frameworks to support residents of diverse races, colors, national origins & incomes in the initial stages of developing and implementing policies related to AQ. Technical support from multilingual participants & subject matter experts will reduce language and education barriers to participation. Instruction on equipment use will address the digital divide & differences in

scientific & digital literacy. The COVID-19 pandemic has greatly affected communities of color & low income residents, with heavy impacts on vulnerable populations such as the elderly, & those with pre-existing medical conditions. The case fatality rate from COVID-19 for adults 65+ is 7.2% in FL (FDOH 3.10.2022). This death rate is 4 times greater than that of any other age group. The disproportionate health impacts on the most vulnerable are the result of cumulative industrial, governmental, commercial & other actions in the underserved neighborhoods. In addition to greater proximity & exposure to air pollution caused by concentrating roads & fossil fuel infrastructure in underserved communities while simultaneously removing trees, the lack of attention to paving & maintaining streets & sidewalks together with interstate & other construction projects creates an unfriendly walking environment for people using public transportation. Air pollutants such as particulate matter (PM) increase the amount & seriousness of lung & heart disease & other health problems. People living in areas with high levels of air pollution are especially susceptible.³ The *Age Adjusted Hospitalizations from or with Asthma, Rate per 100K* was higher in Orange County (838.9 in 2018) than in FL as a whole (666.0 in 2018) for all races & ethnicities; but the *Orange County 2018 Age Adjusted Hospitalizations from or with Asthma, Rate per 100K* for Blacks was higher, at 1108.02, with the rate for all Black Floridians at 1079.3.⁴ Table 3 presents the Quartile in which each participating zip code falls for chronic lower respiratory disease, asthma, emphysema, diabetes, heart disease & cancer, with the 1st Quartile being the lowest death counts & the 4th Quartile being the greatest death counts for years 2016 - 2020.⁵ All 14 zip codes have at least 5 of the 6 health categories in the the 3rd or 4th quartile of deaths from preexisting conditions that make residents vulnerable to air pollution. Six of the zip codes have deaths for all 6 of the health indicators in the top 4th quartile. (See Table 3)

Zip Code (0.5 mile Buffer)	Chronic Lower Respiratory Disease Deaths	Asthma Deaths in FL	Emphysema Deaths in FL	Diabetes Deaths in FL	Heart Disease Deaths in FL	Cancer Deaths in FL
32703	4th Quartile	1st Quartile	4th Quartile	4th Quartile	4th Quartile	4th Quartile
32751*	3rd Quartile	1st Quartile	4th Quartile	4th Quartile	3rd Quartile	3rd Quartile
32801*	4th Quartile	3rd Quartile	1st Quartile	3rd Quartile	4th Quartile	3rd Quartile
32803*	3rd Quartile	1st Quartile	4th Quartile	3rd Quartile	3rd Quartile	3rd Quartile
32805, 32806, 32808, 32811, 32822, 32839	4th Quartile	4th Quartile	4th Quartile	4th Quartile	4th Quartile	4th Quartile
32807, 32812	4th Quartile	3rd Quartile	4th Quartile	4th Quartile	4th Quartile	4th Quartile
32818	4th Quartile	4th Quartile	3rd Quartile	4th Quartile	4th Quartile	4th Quartile
32819	3rd Quartile	3rd Quartile	1st Quartile	3rd Quartile	3rd Quartile	3rd Quartile

Table 3: Quartile of Death Counts in FL from conditions that make residents more vulnerable to air pollution

³ <https://www.epa.gov/air-research/research-health-effects-air-pollution>

⁴ FL Department of Health. FL Health Charts accessed 23 Jan 2020 at <http://www.flhealthcharts.com/Charts/OtherIndicators/NonVitalIndDataViewer.aspx?cid=0341>

⁵ Data Source: FLHealthCHARTS Community Map data is provided by the FL Department of Health Bureau of Vital Statistics & the 2015 American Community Survey 5-year estimates (tables B02001, B03002, S0101, S1501, S1701, S1903, S2301, S2506, S2701)

Section 4 - Environmental Results - Outcomes, Outputs & Performance Measures

A.Expected Project Outputs & Outcomes

Outputs	Outcomes
-Identification of air pollution -Community specific assessments of air pollution data -Deployment of equipment to conduct AQ monitoring in or near underserved communities -AQ data available for communities & other stakeholders -Tools & methods to increase AQ collaborative problem solving capacity -Replicable ToolKit: Community Science Informing AQ Governance	-Cleaner air -Improved access to & understanding of AQ data & information in underserved communities. -Increase in personal & community resilience. -Replication of the ToolKit process in other communities
-Strategies for addressing local environmental or public health issues -An AQ Advisory Council meeting & reporting on a regular schedule	-Clear, data-informed communication from underserved communities on AQ issues
-Relationships among community leaders in underserved communities, subject matter experts & local government addressing AQ -Partnerships & community engagement	-Increased understanding of AQ challenges -Representation from underserved communities in collaborative problem solving related to AQ -Improved Health & well being

B.Performance Measures & Plan: Proposed performance measures include: (1) Measures of PM_{2.5}, NO₂, & VOCs using stationary high quality commercially available equipment, (2) Number of monitoring sites in underserved communities (3) Number of sites at which hand held units & sensor heads for PM_{2.5}, NO₂, & VOCs were used. (4) Number of people who live, worship or work in underserved communities educated about air pollution &/or about health effects of air pollution, (5) Count of Community Scientists trained to use AQ monitors for data ingestion, & the software for analysis, visualization & reporting, (6) Number of data reports: Range of values for each measured indicator/Date & geospatial data on all measurements

Tracking & measuring progress: AQ monitoring will be recorded & graphed. Community Scientist teams will be responsible for monthly summaries of the ranges of the air pollutants measured in their communities. Monthly summaries will be compiled & reported to the Council. The Council will send the compiled report to Dr. Yu at YCF together with any questions they have regarding the data prior to meeting with him. A quarterly report will include the summaries together with Dr. Yu's responses. A report will then be posted on the public facing dashboard & shared with local governments. Program milestones will be tracked in a task & work product based Work Breakdown Structure as *To Do, Doing, Done* or *Late*. This performance against temporal milestones will be included in the Interim Quarterly Reports. The Final Report will include performance against Outputs & progress against the longer term Outcomes.

C.Timelines & Milestones

	Y1 Q1	Q2	Q3	Q4	Y2 Q1	Q2	Q3	Q4
Administration								
Bidding								
Procurement, Monitoring & Software Equipment Tests								
Equipment Delivery to Communities								

Community Science Team Trainings								
Community AQ Monitoring								
Community AQ Advisory Council Meetings								
Leadership & Local Government Meetings								
Reports to Public & Local Government								
Interim Reports, Evaluation & Improvement: summarizing technical progress, activities for next quarter and expenditures								
Final Report: summary of project activity, advances achieved & costs of project activity, problems, successes, and lessons learned.								

Section 5 - Quality Assurance Statement (See Other Attachments.)

Section 6 - Programmatic Capability & Past Performance

A.Past Performance (1) \$120K over 2 years: EPA EJ Collaborative Problem Solving Cooperative Agreement # 01D15120: *Helping Low-Income Families Identify & Address Hazardous Air Pollutants that Impact Health* (2) \$90K HRSA Sub-grant #1U3UHS45469-01-00: surveying to obtain COVID-19 vaccine hesitancy & wellness data in Central FL Counties, (3) \$350K CDC sub-grant (RISE) # NU21IP000596-01-00 COVID-19

B.Reporting Requirements: (1) On-going EPA EJ Collaborative Problem Solving Cooperative Agreement # 01D15120: interim updates complete & timely. (2) HRSA Sub-grant NU21IP000596-01-00 interim & final reporting complete & timely. (3) Ongoing CDC RISE sub-grant #1 U3UHS45469-01-00 interim updates complete & timely.

C.Staff Expertise: (See Other Attachments.)

Section 7 - Budget

A.Budget Detail

- **Personnel**
- **Fringe Benefits**
- **Travel**
- **Equipment**
- **Supplies**
- **Contractual**
- **Other**
- **Indirect Charges**

Budget Table⁶

Line Item & Itemized Cost	EPA Funding
Personnel	0.00

⁶ ** EPA Funding amount must be included on the SF-424 in Section 18.a and SF-424A in: cell 5(e) under Section A – Budget Summary; and Column (1) under Section B – Budget Categories.

†† Total Project Cost must be included on the SF-424 in Section 18.g and SF-424A in: cell 5(g) under Section A – Budget Summary; and column (5), Row k under Section B – Budget Categories.

TOTAL PERSONNEL	0.00
Fringe Benefits	0.00
TOTAL FRINGE BENEFITS	0.00
Travel	0.00
TOTAL TRAVEL	0.00
Equipment - Two (2) Aeroqual AQS Air Quality Monitor (\$22,250 each)	\$44,500.00
TOTAL EQUIPMENT	\$44,500.00
Supplies- (10) Aeroqual S500 w 3 sensor heads - \$4,500 each, (14) PC Laptop, Aeroqual Cloud Platform Annual Plan, Verizon Data for AQS Monitor Plan,	\$59,170.00
Outreach Materials & Supplies, Office Supplies etc.	\$8,500.00
TOTAL SUPPLIES	\$67,670.00
Contractual - Project Manager/Director, Assistant Project Manager, Data Analysis, Reporting and Control Managers, Data Librarian, and Two (2) Environmental Engineers/Community Science Education Supervisors	\$158,080.00
Partner Organizations, Neighborhood Associations, Churches and Civic Organizations	\$51,000.00
Twenty eight (28) Community Scientists and Support Services	\$90,100.00
TOTAL CONTRACTUAL	\$299,180.00
Other	
Community & Training Meetings (Logistics)	\$3,700.00
Miscellaneous Cost for this Project	\$4,000.00
TOTAL OTHER	\$7,700.00
Indirect Charges	
Federal Indirect Cost Rate x Personnel=Indirect Costs (Federal Negotiated Indirect Cost Rate = 10%)	\$20,950.00
TOTAL INDIRECT	\$20,950.00
TOTAL FUNDING	\$440,000.00
TOTAL PROJECT COST	\$440,000.00

B. Reasonableness of Cost: Market Value of Equipment & Federal Scale Personnel Costs

C. Expenditure of Awarded Funds

Section 8 - Optional Attachments (1) Quality Assurance Statement (2) Proof of 501c3 (3) CBO documentation (3) Partnership Letters (4) Resumes

Other Attachments

Document	Description	Page
Quality Assurance Statement		3
Proof of Nonprofit Status		5
Community-based Organization Documentation		6
Partnership Letters		
Professional Association	CFL Black Nurses Association	8
Faith - Multilingual Coordination, Environmental Engineers	Christ the King Episcopal Church	9
Dashboards, Data Management, Community Science Training & Field Support	Resilient American Communities, an initiative of Health Initiatives Foundation, Inc.	10
Academia Policy/Governance	Josephine Balzac-Arroyo, J.D., LL.M Rollins College	11
Academia Air Quality	Dr. Haofei Yu University of Central Florida	12
Faith Human Rights, Equity	UU Service Committee	13
Community Science Teams		
Faith 32803	First Unitarian Universalist Church of Orlando	14
Faith 32807 & 32822	Christ the King Episcopal Church	16
Faith/Neighborhood/Civic 32801 & 32812	Iglesia Episcopal de Jesús de Nazaret	17
Civic Organization 32801, 32805, 32808, 32811, 32819, 32839	Community Equity Project`	18

Civic Organization 32805, 32808, 32811, 32818	Change for the Community	19
Civic Organization 32703, 32751, 32819	Orlando Freedom Fighters	20
Neighborhood Organization 32801, 32805,32808,32811	Inner City Neighborhood Association	21
Neighborhood Organization 32808, 32818	Pine Hills Partnership	22
Neighborhood Association 32805 & 32811	Washington Shores Neighborhood	24
Resumes of the Project Manager and Other Key Personnel		
Administration & Management	Lawanna Gelzer	25
Reporting, Dashboard Management, Field Assist	Janice T. Booher, MS	27
UUSC Equitable Process Facilitator	Heather Vickery	29
Data Librarian w RAC Dashboard Mgmt Experience	Leah Booher, MSLIS	31
Bilingual Hispanic Team Management	Rev Dr Jose Rodriguez	33
Quality Assurancel Engineer	Henry Mendoza	35
Environmental Technician	Fidel Mendoza	36
Environmental Engineer	Silvia Mendoza	37
AQ and Health Instruction	Jennifer Sankey, Ph.D., MHA, BSN, RN, CPPS	38

Quality Assurance Statement

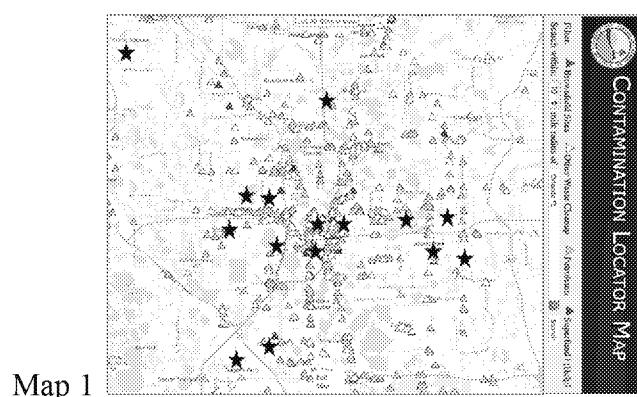
Data Quality Objective(s): To obtain baseline data on PM_{2.5}, NO₂ and VOC at 14 sites in diverse underserved communities using hand held and stationary continuous air sensors.

Data Quality Indicators: Precision: The frequency of sampling can be adjusted in the software to which the monitor is attached. Readings will be recorded at 1 minute intervals, representing replications of parameter measurements. The AQS 1 stationary monitor will record measurements on all parameters for 1 hour at 1 minute intervals. The hand held devices will measure one parameter at a time for 20 minutes at 1 minute intervals. **Bias/Accuracy:** Aeroqual Series 500 sensor heads will be factory calibrated at the outset of the project and at the required 1 year interval. The AQS 1 stationary units will be calibrated per instructions and manufacturer trainingsSOPs at project initiation. There is a 2 yr calibration interval. **Representativeness:** Data collected will represent the system characterized or exposure experienced and are not biased **Comparability:** Data collected at any given site are similar in methodology to that used at all the other sampling sites to permit a meaningful comparative analysis. **Completeness metric:** 90% of the monitoring plan executed. **Accuracy of Series 500 Sensors:** All hand held Series 500 calibrations will be within acceptable limits per factory specifications: **PM_{2.5}** (0.005 µg/m³ + 15%), **NO₂** (<±0.02 ppm 0-0.2 ppm, <±10% 0.2-1 ppm) and **VOC** (±0.1 ppm + 10%) **Accuracy of AQS 1: PM_{2.5}** (<±(2 µg/m³ + 5 % of reading) **Sensitivity of Series 500 Sensors:** **VOC:** (Detection Range 0 - 25 ppm), Resolution: 0.1ppm), **PM_{2.5}** (Detection range: 0 to 1000 µg/m³, Resolution: 0.001 µg/m³), **NO₂** (Detection Range: 0 - 1 ppm, Resolution: 0.001ppm) **Sensitivity of AQS 1 Sensors:** **VOC:** (Detection Range 0 - 500 ppb, Resolution: 0.1 ppb), **PM_{2.5}** (Detection range: 0 to 60000 µg/m³, Resolution: 0.1 µg/m³), **NO₂** (Detection Range 0 - 500 ppb, Resolution: 0.1 ppb) **S500 sensor head technology type:** PM 2.5/10 sensor head: Fan-sampling laser particle counter (LPC) sensor: PM10/PM2.5 with RH correction, NO₂ 0-1 ppm: Fan-sampling gas sensitive electrochemical (GSE) sensor), VOC 0 - 25 ppm: Fan-sampling gas sensitive semiconductor (GSS) sensor with Photo Ionization Detector (PID) technology **AQS 1 sensor technology:** PM 2.5 near forward angle laser scattering nephelometer,

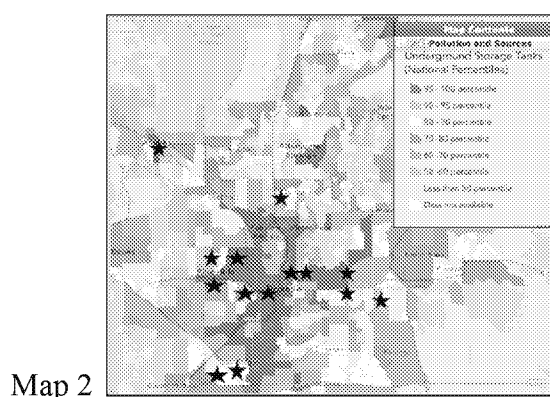
Group to be Trained	Training	Frequency of Training
2 Environmental Engineers 2 HIFI personnel (MS level)	Equipment calibration & field use www.training.aeroqual.com , YouTube Channel: Aeroqual Service & Maintenance Playlist	Once during project initiation with refresh and factory consultation as needed
HIFI Data Librarian (MSLIS) 2 Environmental Engineers 2 HIFI personnel (MS level)	Aeroqual Connect, Aeroqual Cloud and Data platform management	Once during project initiation with refresh and factory consultation as needed
2 members of each participating community	Air pollution, Health Impacts of Air Pollution, Field Monitoring (Handheld S500 & AQS 1) & Data Management Software	Once prior to and upon receiving equipment. Refresh as needed.

Specialized Experience: 1) Consultation and some select reference monitor support on request with Haofei Yu, PhD. Principal Investigator NSF grant #1931871, Assistant Professor Civil Environmental and Construction Engineering University of Central Florida. Expertise in: air pollution emissions, especially transportation emissions, urban AQ modeling & mgmt, air pollution exposure & health impact analysis. 2) 2 Bi-lingual (Eng/Spanish) Environmental Engineers, 3) 2 MS level HIFI employees with environmental science & Community Science field experience and 4) 1 MSLIS Data Librarian with large spreadsheet and metadata management experience.

Documents and Records: Document Control: The Data Librarian will receive and maintain the QAPP (all versions including the approved version), and will back up and archive the field data, data assessments and all reports. The Data Librarian will maintain the list of appropriate recipients for each document. **Data Generation:** AQS units' onboard PC w data plan will record continuously on the Aeroqual Cloud platform. S500 monitor data will be continuously sampled at intervals and downloaded to CSV files. Each monitoring site will submit a report to the Data Librarian after each monitoring activity & submit a summary report monthly. The Council will review the compiled site summaries and add a data assessment. The Data Librarian will back up the Aeroqual Cloud data. **Data Report Package:** Council summaries and reports will be included in the Data Report Package for the final data report. Raw data will be available from the Data Librarian upon request. **Reporting Formats** will be electronic, including graphs and spreadsheets collected from the sensors. Electronic Site and Council Reports will be shared on a Google Drive. Council Reports will be posted on the Central Florida Resilient American Communities Dashboard. **Storage of Data and Final Sampling Design** will be detailed in the final QAPP Data Plan, to be drafted and finalized by the assembled expertise. The planned sampling design is a targeted approach with sampling in geographies impacted by traffic, underground storage, construction and other sources of air pollution. Geographies targeted have underserved populations in communities with POC the very old (65+) and the very young (5-) as well as those zip codes with populations likely to have pre-existing medical conditions that increase their vulnerability to negative health impacts of air pollution. For continuous data, the averaging periods will be: **Aeroqual Series 500** 20 min/ea sensor head/1 per wk/12 wk Jan-Apr & Jun-Sep , **AQS-1** 1 hour/all parameters/1 per wk/2x Jan-Apr & 2x Jun-Sep **Methods:** We will be using continuous air sensors: 12 hand held Aeroqual Series 500 base monitors w removable sensor heads downloading to PCs and 2 AQS-1 Air Quality Monitors communicating to an Aeroqual Cloud account. **Sampling Locations:** The lat/long for each site will be determined in dialogue with residents and documented in the final QAPP. Security and safety will influence site selection. Sampling will take place in underserved BIPOC communities that have executed MOUs and have representatives who have completed training. The primary location(s) are in diverse census tracts in these communities & zip codes in Orange County, FL: South Apopka (32703), Azalea Park (32807), Eatonville (32751), Englewood (32807 & 32822), Oak Ridge (32839), Mercy Drive (32808), Orlo Vista (32811), neighborhoods in the Westside Alliance (32805), Pine Hills (32808 & 32818), Dover Shores (32803, 32806, 32812), Magnolia Towers (32801), South Colonialtown (32803) & Tangelo Park (32819). **See Map 1:** General location showing proximity to FDEP identified contamination sites to community sampling locations, and **Map 2.** General site locations showing proximity of underground tanks to sampling locations.



Map 1



Map 2

Proof of Nonprofit Status (Required for nonprofits only)

501c3 Letter

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date:

JUN 21 2012

NATIONAL COALITION OF 100 BLACK
WOMEN-CENTRAL FLORIDA CHAPTER INC
PO BOX 607669
ORLANDO, FL 32860-7669

Employer Identification Number:

27-3533062

DLN:

202088200

Contact Person:

MELISSA D TRUSTY

ID# 31657

Contact Telephone Number:

(877) 829-5500

Accounting Period Ending:

September 30

Public Charity Status:

509(a)(2)

Form 990 Required:

Yes

Effective Date of Exemption:

August 16, 2010

Contribution Deductibility:

Yes

Addendum Applies:

No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Sincerely,



Lois G. Lerner
Director, Exempt Organizations

Enclosure: Publication 4221-PC

Letter 947 (DO/CG)

Community-based Organization Documentation

About Us

Coalition of 100 Black Women of Central Florida

Our Mission is to advocate on behalf of Black Women and Girls through national, state, and local actions and strategic alliances that promote leadership development and gender equity in the areas of health, education, economic empowerment, and social justice.

Our Vision is to be a visible and vocal force to reduce Racial and Ethnic Disparities against Black Women and Girls in Central Florida.

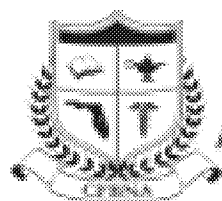
The Coalition of 100 Black Women of Central Florida consists of a diverse multi-generational group, committed to delivering programming through activities, partnerships and participation opportunities with a significant focus placed on the areas of Public Policy: Health & Wellness, Economic Empowerment, Environmental Equity, Civic Engagement, and Education Empowerment. This work addresses Social Determinants of Health such as Healthcare Access, Education and Socioeconomic Status. It touches on the Vital Conditions of Meaningful Work and Wealth, Lifelong Learning, Belonging and Civic Muscle, Basic Needs for Health and Safety and the Thriving Natural World. The Coalition of 100 Black Women has worked in and with the underserved communities to address inequities by providing HIV/AIDS testing, peer to peer counseling, and informative and supportive community meetings. Among the results of these efforts were identification of people who were in denial and connecting them to service providers. Another program of Coalition of 100 Black Women that included work in the African American communities of Central Florida experiencing health disparities and inequities addressed teen pregnancy. Workshops, peer to peer counseling by professional older women who had been teen mothers, education about disease transmission, and connection to the public health department were conducted over a 4-month period in Orange, Seminole, and Volusia Counties. The results were healthier pregnant teens, and teens connected to health programs that would best benefit them. Coalition of 100 Black Women hosted the Surgeon General to speak on health and wellness, following which a standing committee was created to deconflict health initiatives and events with other civic groups in Central Florida, and to explore partnerships with other organizations on health issues. Environmental health was adopted as an issue area 4 years ago, with education of the community about environmental hazards, including information on Superfund sites and Brownfields, and concepts of environmental justice. One of the results of this work is collaborating locally on Community Climate Action Planning. Another is current work on air quality on an EPA Environmental Justice Collaborative Problem Solving grant, which is documenting local air pollution and respiratory health with two surveys and community science to monitor air pollution in collaboration with the University of Central Florida's Air Quality Lab.

The Coalition of 100 Black Women of Central Florida has provided regional and national leadership on addressing the school to prison pipeline and criminal reform. It has also worked with the State Attorney's Office, the Public Defender's Office, Florida Agricultural and Mechanical University Law School (FAMU), an HBCU, and Barry University Law School to address these issues. In addition, the Coalition of 100 Black Women of Central Florida has cooperated with Bethune Cookman University (BCU), an HBCU, on a mentor program with financial literacy training and peer mentorship to support graduates transitioning into the job market. The Coalition has collaborated with the Black Legislators Caucus and supported legislation to address many inequities, including education funding.

The Coalition of 100 Black Women of Central Florida has been addressing systemic racism that has created health and safety issues exacerbated by Climate Change. Central to this work, and continuing with COVID response, is sharing data with the community, and using that data to pursue a legislative agenda in Tallahassee.

Together with Community Equity Project, the Health Initiatives Foundation Inc's (HIFI) Disaster Resilience Initiative, The Movement Coalition, Unitarian Universalist Justice Florida, the University of Central Florida, 32805 Spotlight and Central Florida Black Journalists the Coalition of 100 Black Women began addressing systemic racism associated with the school to prison pipeline, police reform, environmental justice, and climate change. Qualitative and quantitative data was collected at community forums, Serious Games and using community surveys, shared with the community on a Disaster Resilience Dashboard, shaped into a legislative agenda and taken up with elected officials in Tallahassee. Our findings were presented multiple years on the agenda of the Black Legislative Caucus' Annual Meetings. This group of collaborators, with HIFI's Resilient American Communities, also began to address the COVID pandemic early in 2020 with unfunded and minimally funded projects. These projects included a community dashboard with authoritative public health information and data on COVID, weekly community meetings, a Mask Up! Campaign which supplied masks in the community, social media myth busting posts and local radio programs calling out people ignoring public health guidance, successful data-based advocacy for COVID testing sites in underserved BIPOC communities, distribution of COVID-Hurricane preparedness kits, a community journalist training course to help people tell their stories and a contact tracing course.

Partnership Letters



Central Florida
Black Nurses
Association of Orlando

Jennifer R. Sankey, Ph.D., MHA, BSN, RN, CPPS
President, Central Florida Black Nurses Association of Orlando
Email: jennicoop@embarqmail.com

March 25, 2022

Lawanna Gelzer, President
Coalition of 100 Black Women of Central Florida

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

Central Florida Black Nurses Association of Orlando is comprised of Registered Nurses (RN), Licensed Practical Nurses (LPN) and Student Nurses, who support our community by improving the quality of life for minority consumers by providing community health services. We serve the community in many ways that educate about health and health professions and connect people who have health issues to resources such as the Primary Care Access Network for further assistance.

We understand that the proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 will involve air quality monitoring in underserved communities of Orange County, where residents live in proximity to roadways and other transportation infrastructure where there are emissions with health impacts.

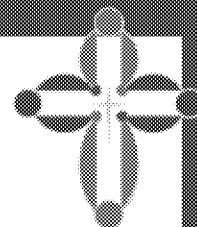
If funded, Central Florida Black Nurses Association of Orlando will educate participating Community Science Teams about the health impacts of air pollution, including particulate matter, nitrogen dioxide (and other ozone precursors) and volatile organic compounds. Materials created for trainings will be shared with translator(s) attached to the project. This will take place in year 1 of the project as well as when new Community Scientists enter the program.

Sincerely,

Jennifer R. Sankey

Jennifer Ruth Sankey, Ph.D., MHA, BSN, RN, CPPS
President, Central Florida Black Nurses Association of Orlando

CHRIST THE KING
EPISCOPAL CHURCH
 Azalea Park, Florida



March 21, 2022

Dear Ms. Gelzer,

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Christ the King Episcopal Church has a multi-lingual staff and congregation that serves diverse communities of English, Spanish and Creole residents in Central Florida in many ways. Our Food Bank has been coordinating disaster resilience in the region, providing the only hurricane shelter with mental health support, coordinating disaster response across Orange and Osceola Counties and providing COVID-19 vaccination events in BIPOC communities heavily impacted by the pandemic.

Our Church also has congregants with environmental engineering backgrounds who can provide leadership for the proposed Community Science AQ monitoring project. We also have many congregants living in the underserved Environmental Justice communities heavily impacted by air pollution and its accompanying health disparities.

We understand that the proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 will involve air quality monitoring in underserved communities of Orange County, where residents of color live in proximity to roadways and other transportation infrastructure where there are emissions with health impacts. We also understand that a multicultural and multilingual Community Air Quality Advisory Council will be formed to report Community Science data to the public and to local government.

If funded, Christ the King Episcopal Church will adapt the English curriculum prepared by CFBNA of Orlando for Community Scientists to culturally and linguistically appropriate Spanish & Haitian Creole education materials. Christ the King Episcopal Church will also assist with organizing the Hispanic communities, translation and interpretation for Community Science Team trainings and meetings, and supervision of field AQ monitoring. Christ the King Episcopal Church will engage with the with connections to local government.

Sincerely,

The Rev. Dr. José Rodríguez



RESILIENT AMERICAN COMMUNITIES

An initiative of Health Initiatives Foundation, Inc.

Janice T. Booher, MS
 Director of Civic Engagement and Training
 Email: JJLBooher@comcast.net
 Phone: 561.531.0986
www.ResilientAmericanCommunities.org

March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

Resilient American Communities (RAC) is an initiative of Health Initiatives Foundation, Inc. RAC efforts are particularly focused on increasing social equity within historically disenfranchised populations, to engage local solutions addressing menacing challenges that threaten their health and prosperity. RAC is built around agile, collaborative networks of local individuals and organizations. Participants strengthen communities by working together to withstand assaults on their survival and their ability to thrive with resilience and regeneration. RAC spotlights and engages all citizens, especially the underserved and vulnerable who have struggled to generate sufficient capacities and resources to improve their conditions. It seeks to converge community input on the unique problems they face, enabling collaboration within the community to build local solutions.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If funded, RAC personnel will:

- train on the Aeroqual AQS monitor, S500 monitor and Aeroqual Cloud, and provide field support for distribution of and education about the equipment and the data plan, coordinating with the environmental engineers & academic partners,
- provide reporting oversight including QAPP preparation,
- maintain the Central Florida RAC Dashboard platform and provision of project information and reports to post on or link to the dashboard,
- provide curation, back ups and archiving of project data and reports consistent with an approved QAPP, and
- document the creation of the Community Air Quality Advisory Council and the processes developed to enable the sharing of data from Community Science with local government.

Sincerely,

Janice T. Booher, MS
 Director of Civic Engagement and Training
 Resilient American Communities


Department of Social Entrepreneurship

1000 Holt Ave. • 2781 • Winter Park, FL 32789

407.646.1591 • rollins.edu

March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

I understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

In addition to practicing law and my teaching and research obligations at Rollins College, I am actively engaged in the local community. I currently serve as a Community Engagement Faculty Fellow and on the Diversity Council, Racial Justice Task Force at Rollins College. I formerly served as the Vice President of Board of Directors of Ideas for Us, the Legal Advisory Board for the Center for Earth Jurisprudence as well as the City of Orlando's Mayor's Green Task Force. I have been recognized by U.S. Representative Darren Soto as a community leader as part of Hispanic Heritage Month. My scholarly work focuses on environmental justice and climate justice, corporate social responsibility, sustainable development, human rights, and social entrepreneurship. I specialize in Environmental Law, Law and Ethics, Sustainable Development, Community Engagement, and Climate Change.

If the Coalition of 100 Black Women is funded under EPA-OAR-OAQPS-22-01, I will work with the Community Air Quality Advisory Council by providing my environmental law expertise and experience with community engagement and engaging with local government to help (1) determine the appropriate local government agencies or elected officials to receive the Community Air Quality Advisory Council's reports and engage in dialogue, and (2) provide guidance on the creation of a policy framework consistent with local governance and oversight in which community science informs prioritization of locations requiring further study.

Sincerely,

Josephine Balzac-Arroyo

Josephine Balzac-Arroyo, Esq., LL.M

Assistant Professor

Department of Social Entrepreneurship

 Email: jbalzac@rollins.edu

 Website: <https://www.rollins.edu/social-entrepreneurship/faculty-staff/index.html>



UNIVERSITY OF CENTRAL FLORIDA

Civil, Environmental & Construction Engineering
12800 Pegasus Drive, Suite 211
Orlando, FL 32816-2450

March 24, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

University of Central Florida (UCF) faculty (Dr. Haofei Yu, Dr. Kelly Stevens and Dr. Thomas Bryer) is implementing NSF grant #1931871, *CPS: Medium: A Secure, Trustworthy, and Reliable Air Quality Monitoring System for Smart and Connected Communities*. This project, which is currently underway in several underserved communities in Orange County emphasizes sustainable empowerment of residents through processes of education on air quality and training on data utilization and advocacy.

We have supported the Coalition of 100 Black Women of Central Florida's ongoing air quality monitoring work in 3 historic Black communities under EPA EJ Grant # 01D15120 with reference monitors and subject matter expertise. We are aware that the proposed project will expand to more underserved communities in Orange County under the current proposal titled: *Enhancing Community Air Quality Monitoring in Underserved Black and Hispanic Communities in Orange County, Florida*.

If funded, we will: (1) comment on the monitoring equipment and plan, (2) make relevant UCF Air Quality Project curriculum materials available to Coalition of 100 Black Women of Central Florida and (3) provide responses to questions about the Community Science Air Quality data submitted to us by the Community Air Quality Advisory Council comprised of representatives from underserved communities.

Sincerely

Haofei Yu, Ph.D.
Principal Investigator NSF grant #1931871
Assistant Professor
Civil Environmental and Construction Engineering University of Central Florida
M: haofei.yu@ucf.edu
T: (407) 823 - 1309
W: <https://ucfairqualitylab.com>

Phone: 407.823.2841 • Fax: 407.823.3315 • Web: cece.ucf.edu | a division of college of engineering and computer science



Heather Vickery
 Coordinator for Congregational Activism
 Unitarian Universalist Service Committee
 Email: hvickery@uucsj.org
 Phone:

March 24, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. ~~Gelzer~~,

The Unitarian Universalist Service Committee (UUSC) is a nonprofit, nonsectarian organization advancing human rights together with an international community of grassroots partners and advocates. UUSC has a multilingual and multi-cultural staff with deep national and international experience working with multilingual and multicultural partners. This expertise is applied to advance human rights with equitable processes that honor the lived experience of those involved.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If funded, I will facilitate equitable process and respectful dialogue at quarterly meetings among participants from the collaborating underserved Black and Hispanic communities addressing environmental and public health problems including poor air quality, suspected health impacts of air pollution, and loss of trust in governance resulting from a two-pronged long term systemic policy that has (1) placed fossil fuel energy and transportation infrastructure in their communities and (2) removed natural assets that could mitigate air pollution in favor of clearing land for that fossil fuel energy and transportation infrastructure. Work product is expected to include translation and interpretation of concepts of equity and Community Air Quality Advisory Council governance documents understandable to all Council participants.

Sincerely,

Heather Vickery

UNITARIAN UNIVERSALIST SERVICE COMMITTEE

689 Massachusetts Avenue • Cambridge, MA 02139-3302 • 617-668-6608 • fax: 617-868-7102 • uusc.org

1

Community Partners



1st Unitarian
CHURCH OF ORLANDO

The Reverend
Margalie Belizaire
Settled Minister

1901 E. Robinson St.
Orlando, FL 32803
407-898-3621

OrlandoUU.org
facebook.com/orlandeouu

MEMBER OF
THE UNITARIAN
UNIVERSALIST
ASSOCIATION

Rev. Margalie Belizaire
Minister
First Unitarian Church of Orlando
1901 E Robinson St, Orlando, FL 32803
Email: revmargalibelizaire@gmail.com
Phone: 407.898.3621

March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

First Unitarian Church of Orlando is diverse in faith, ethnicity, history, and spirituality, but aligned in our desire to make a difference for the good. It is located in zip code 32803 to the west of the Executive Airport in Orange County, FL. Our church, along with other Unitarian Universalist churches believes in seven principles, including the following

1. The inherent worth and dignity of every person.
2. Justice, equity and compassion in human relationships.
6. The goal of world community with peace, liberty and justice for all
7. Respect for the interdependent web of all existence of which we are a part.

Our local church has a Green Team with this mission.

"To enhance environmental justice by embracing, living, and advocating for practices that are both earth friendly and equitable in our personal lives, our congregation, our community, and the world beyond."

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

the **1u** rely on
to affirm and
promote the
inherent worth
and dignity
of every person

If the Coalition of 100 Black Women of Central Florida's proposal is funded, we will:

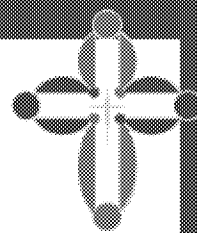
- have at least 2 representatives attend 2 virtual or in person lessons about air quality,
- have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health,
- have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- engage in weekly air quality monitoring and monthly data reporting,
- have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- provide outreach to the community in zip code 32803 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

A handwritten signature in black ink, appearing to read 'Margalie Belizaire', with a long horizontal flourish extending to the right.

Rev. Margalie Belizaire

CHRIST THE KING
EPISCOPAL CHURCH
 Azalea Park, Florida



March 21, 2022

The Rev'd Dr. Jose Rodríguez
 26 Willow Drive
 Orlando, FL
 padre@iglesiaorlando.com
 407-325-6148

Dear Ms. Gelzer,

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Iglesia Episcopal Jesus de Nazaret, is a neighborhood organization/church/civic organization located in zip code 32807 and 32822. As an Episcopal Church we believe in upholding the dignity of all persons. We uphold values that require the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- have at least 2 representatives attend 2 virtual or in person lessons about air quality, air pollution and health,
- have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- engage in weekly air quality monitoring and monthly data reporting
- have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- provide outreach to the community in zip code 32807 and 32822 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

The Rev. Dr. José Rodríguez



March 21, 2022

Henry Mendoza
26 Willow Drive
Orlando, FL
outreach@iglesiaorlando.com
312-966-0796

Dear Ms. Gelzer,

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Iglesia Episcopal Jesus de Nazaret, is a neighborhood organization/church/civic organization located in zip code 32801 and 32812. As an Episcopal Church we believe in upholding the dignity of all persons. We uphold values that require the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- have at least 2 representatives attend 2 virtual or in person lessons about air quality, air pollution and health,
- have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- engage in weekly air quality monitoring and monthly data reporting
- have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- provide outreach to the community in zip code 32801 and 32812 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

Henry Mendoza
Outreach Manager

26 WILLOW DRIVE | ORLANDO, FL 32807 | www.iglesiaorlando.com
PADRE@IGLESIAORLANDO.COM | 321.328.7769



March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

Community Equity Project, Inc. is a civic organization located in zip code 32805. Community Equity Project (CEP) is a community-based organization committed to advocating and addressing racism and inequities in environment, health, public safety, education, economy, and social justice for historically underserved communities.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- Have at least 2 representatives attend 2 virtual or in person lessons about air quality,
- Have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health,
- Have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- Engage in weekly air quality monitoring and monthly data reporting,
- Have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- Provide outreach to the community in zip code 32801, 32805, 32806, 32808, 32811, 32819 and 32839 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

Lawanna Gelzer
Senior Social Justice Advocate

Website: www.communityequityproject.com



Change For The Community
734 Short Avenue Orlando, FL 32805 | (407) 603 – 1602
changeforthecommunity@gmail.com

Change For The Community
C/O Shaniqua Rose

March 22, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

Change For The Community (CFTC) is a civic organization located in zip code 32805. Our mission is to create a better neighborhood and community through group action; inspire, educate, and empower a sense of unity and pride; and build unity and enhance livability. CFTC believes in fair treatment of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and a policy because it builds trust, enhance morale, deepens loyalty, and spurs productivity.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- Have at least 2 representatives attend 2 virtual or in person lessons about air quality.
- Have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health.
- Have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting.
- Engage in weekly air quality monitoring and monthly data reporting.
- Have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council.
- Provide outreach to the community in zip code 32805, 32808, 32811, and 32818 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

Shaniqua Rose



ORLANDO FREEDOM FIGHTERS

Email: Aston@offoutreach.com

Phone: 386-747-2420

March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

The Orlando Freedom Fighters (OFF) is a civic organization located in zip code 32801. The Mission of the Orlando Freedom Fighters is turning OFF racism, gender discrimination, inequality whether it be economic, social, environmental, and getting the knee of authoritarianism OFF the necks of the citizens of Orlando.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- Have at least 2 representatives attend 2 virtual or in person lessons about air quality,
- Have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health,
- Have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- Engage in weekly air quality monitoring and monthly data reporting,
- Have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- Provide outreach to the community in zip code 32703, 32751 and 32819 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

Aston Mack

Community Activist



Inner City Neighborhood Association
 825 West Washington Street
 Orlando, FL 32805

March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

Inner City Neighborhood Association is a neighborhood organization located in zip code 32805. Our Mission is to build community by providing a forum for sharing information, connecting neighbors, promoting activities, and fostering civic involvement and equity in our diverse community. OUR VISION AND VALUES. We are a volunteer association striving to make our neighborhood a better place to live.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- Have at least 2 representatives attend 2 virtual or in person lessons about air quality,
- Have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health,
- Have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- Engage in weekly air quality monitoring and monthly data reporting,
- Have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- Provide outreach to the community in zip code 32801, 32805, 32808, 32811 and 32819 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

Celonica Melton

Celonica Melton, Vice President



Justin Fortune
Pine Hills Partnership, Inc.
6520 Moore St. Orlando, FL
info@pinehillspartnership.org

March 24, 2022

RE: Funding Opportunity Number EPA-OAR-OAOPS-22-01

Dear Ms. Gelzer,

The Pine Hills Partnership, Inc. is a neighborhood organization located in the 32818 zip code, or namely, the Pine Hills, Florida area of Greater Orlando. As a registered 501(c)3; the Partnership's mission is to promote, and advocate, for the economic, social, and civic interests of the residents, and businesses of Pine Hills. As one of Central Florida's most diverse population centers, both in terms of ethnic and socio-economic variety; a wide range of issues profoundly impact Pine Hills, and our residents.

Additionally, as a predominately working-class residential area, which is still grappling the repercussions of decades of sustained municipal neglect by local government; as well as, the long-term ramifications of late-1960's era disinvestment, and relocation of much of Pine Hills' pre-integration economic base to more rural, surrounding areas; current homeowners and permanent resident of Pine Hills are especially susceptible to environmental injustices, and the unique health-related hardships that often accompany it.



We appreciate that the Coalition of 100 Black Women's proposal, in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01, includes formation of a multicultural and multilingual **Community Air Quality Advisory Council** to report Community Science Air Quality data from underserved communities to the public and to local government.

And should the Coalition of 100 Black Women's proposal be funded, we whole-heartedly commit to:

- Have at least 2 representatives attend 2 virtual or in person lessons about air quality,
- Have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health,
- Have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- Engage in weekly air quality monitoring and monthly data reporting,
- Have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- Provide outreach to the community in zip code(s) 32818; 32808 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council, once it is formed.

Sincerely,

JUSTIN N. FORTUNE.
President & CEO



843 Wooden Blvd – Orlando, FL 32805

March 23, 2022

RE: Funding Opportunity Number EPA-OAR-OAQPS-22-01

Dear Ms. Gelzer,

Washington Shores Neighborhood Association is a neighborhood organization located in zip code 32805. Our Vision is to promote a sense of community, respect, safety, and neighborliness. Our mission is to promote community involvement and neighborhood goodwill. We are committed to keep an open-heart and mind to enhance the quality of life for all Washington Shores residents.

We understand that the Coalition of 100 Black Women's proposal in response to Funding Opportunity Number EPA-OAR-OAQPS-22-01 includes formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government.

If the Coalition of 100 Black Women's proposal is funded, we will:

- Have at least 2 representatives attend 2 virtual or in person lessons about air quality,
- Have at least 2 representatives attend 1 virtual or in person lesson about air pollution and health,
- Have at least 2 representatives attend 2 in person trainings on the use of air quality monitoring equipment and data reporting,
- Engage in weekly air quality monitoring and monthly data reporting,
- Have at least one representative participate in Quarterly Meetings to coordinate activity among participating geographies and to create the Community Air Quality Advisory Council,
- Provide outreach to the community in zip code 32805, and 32811 to share air quality data reports and to let people know about positions on the Community Air Quality Advisory Council once it is formed.

Sincerely,

Stella Lewis

Stella Lewis, President

Resumes of the Project Manager & Other Key Personnel

Project Administration and Management

LAWANNA R. GELZER

7674 Saint Stephens Court, Orlando, FL 32835 • 407.953.5599 (Cell) • LawannaGelzer@aol.com

PROFESSIONAL

Summary of Qualifications and Experience

Over **35 years** of practical Accounting and Fiscal Management experience. Experience includes acting as a founding member of a non-profit community service organization. Served as the Executive Director, building the organization from the ground up, creating a multi-million-dollar agency serving the Central Florida community. Achievements include securing public and private funding; grants; scholarships and developing successful fundraising events. Accounting background provides the foundation for applying accounting principles to various funding sources utilizing fund accounting applications. Managerial and operation experience include full organizational control and staffing of agencies and departments. Fully experienced in implementing procedures to transform corporate vision and strategy into operation by maximizing financial and workforce resources. Possess outstanding analytical skills with the ability to meaningfully interpret, summarize and communicate financial data. Proven track record in developing and managing projects while maintaining a positive rapport with management, staff, and vendors. Strong negotiation skills with the ability to maintain solid working relationships with vendors, while meeting overall internal company objectives.

Proficiencies include:

- | | |
|--|------------------------------------|
| ▪ Job Costing Software | ▪ Peach Tree Accounting Software |
| ▪ MIP Accounting Software | ▪ Great Plains Accounting Software |
| ▪ Executive Data Systems Fund Accounting Systems | ▪ Crystal Reports |
| ▪ Imis Accounting Software | ▪ CAREware |
| | ▪ Microsoft Office |

Core Competencies include:

- | | |
|---------------------------------------|--|
| ▪ Financial and Budget Analysis | ▪ Blue Book Audit |
| ▪ Budgeting & Job Costing | ▪ Contract Negotiations |
| ▪ Fund Accounting & Grant Management | ▪ Quality Assurance and Funding Compliance |
| ▪ Non-Profit Financial Management | ▪ Research Development and Planning |
| ▪ Departmental / Job Costing | ▪ Personnel Management & Training |
| ▪ Annual / Monthly Financial Analysis | |
| ▪ Payroll Accounting | |

PROFESSIONAL EXPERIENCE

President/CEO

L&G Associates, Orlando, Florida

1/2002 - Present

- Provide Grant Writing, Event Planning, Media & Promotion, Policy & Issues Research, Accounting and Fiscal Management services to local businesses, community-based non-profit agencies, and individuals.

Senior Staff Accountant

Laser Institute of America, Orlando, Florida

2/2005 - 3/2008

- Managed all aspects of accounts receivables and payables, staff credit card reimbursements, cash receipts, inventory, bank reconciliation and completed tax requirements for reporting taxes to various states.
- Managed accounting clerks and department staff.
- Completed, reviewed, and analyzed monthly financials. Worked with each department head to review and analyze monthly revenue and expense reports.
- Served on management team to execute annual financial audit.
- Created and maintained audit trails during conversion to new accounting software. Developed new Crystal reports that streamlined procedures and enhanced the cost effectiveness of the department.
- Developed cost saving strategies to increase revenues for the agency's shipping department.
- Responsible for managing all customer/organizational accounts including invoicing and collections.

LAWANNA R. GELZER

Page 2 of 2

Executive Director / Comptroller

Open Center, Inc., Orlando Florida

9/1998 - 2/2005

- Created agency from the ground up by creating the business, marketing, and development plans; by establishing the board of directors; and by launching the agency through secured private and public funding.
- Served as executive director of the community service organization, which rapidly grew to a multi-million-dollar resource for health and charity assistance.
- Solely responsible for all financial statements, budget reports, and other financial reports as required by the funding sources and the OPEN Center' Board of Directors.
- Wrote proposals, RFP's, grant applications as the basis for securing various available funding.
- Assessed, cultivated, and solicited the philanthropic community, while assuring responsible stewardship of all funding sources according to established priorities and directives of the Board of Directors.
- Established and managed overall operating budgets and program budgets for more than 15 separately funded programs and grants. These included Ryan White Title I and Title II, City of Orlando -- HOPWA, United Way, SAMHSA, Orange County Government, and other private funding sources.
- Provided analytical reports to the board regarding quarterly and annual budgetary status. Developed and implemented financial programs as required by federal, state, county or private funding partners while maintaining adequate systems in accordance with funding accounting principles.

Chief Financial Officer / Comptroller

Greater Orlando Area Legal Services, Inc., Orlando, Florida

6/1992 - 3/2002

- Responsibilities encompassed management of the law firm's Legal Billing and Accounting Department, including the accounting systems, policies/procedures, and staff.
- Responsible for the maintenance and application of the accounting systems while assuring that all software conformed to the most up-to-date technology was in compliance with GAAP, and in compliance with all legal standards.
- Prepared all financial statements, budget reports, and other financial reports as required by the funding sources, Executive Director, and/or the GOALS' Board of Directors.
- Served as head of the Resource Development Committee that was responsible for the evaluation of and preparation of annual grants and funding applications. The committee also created and implemented the development programs for private donor fundraising and events.
- Oversaw all program budgets for Federal, State, County, and private funding sources; and monitored contract compliance to ensure accurate targeting and completion of objectives. These funding sources included Legal Services Corporation, Florida Bar, Orange County, Osceola County, Lake County, City of Orlando, City of Kissimmee, and the United Way.
- Developed relationships with various funding sources and donors to maximize the value of each contribution to the agency.

Co-Owner/Full Charge Bookkeeper

Peabo Day Care Center, Orlando Florida

1986 - Present

- Plan, develop and manage all accounts payable, accounts receivable, payroll and bank reconciliation. Prepare and consolidate annual budget and forecasts.
- Preparation of all federal and state tax returns. Develop and execute all purchasing activity including daily meals program, educational materials program, and technical equipment program.

EDUCATION

Bachelor of Arts in Construction Management, Seminole State College, In Progress

A.S. Degree in Interior Design and Architecture, Seminole State College, Sanford, FL - April 2011

Bachelor of Arts Degree in Economics and Mathematics, Rollins College, Winter Park, FL - December 1985

Technical Support, Reporting and Data Management Oversight

Janice T. Booher, MS

561-531-0986

JJLBooher@comcast.net

Organizes communities successfully to execute public awareness initiatives about community resilience and environmental health. Works to create Whole of Society collaborative efforts to address resilience and regeneration by engaging with multiple stakeholders, including marginalized people, low capacity community groups, service organizations, academia, public health, arts, government, faith, advocacy, education, and other willing collaborators.

MS Biological Oceanography, Old Dominion University
BA Earth and Planetary Sciences, Johns Hopkins University
BA French, Old Dominion University

Director Unitarian Universalist Justice Florida Climate Resilience Ministry _____ 2016 - present

- Mentorship of environmental justice advocates in low income communities experiencing impacts of climate change and climate coalitions forming in Florida
- Capacity building, vulnerability assessment, and community climate action planning in underserved communities.
- Grant authorship, management, and reporting on UU Fund for Social Responsibility, EPA, NIH, NOAA, and Florida Humanities Council grants
- www.ReACTToolKit.net website management.
- Liaison to the [Interfaith Climate Actions Network](#) – Steering Committee member
- Liaison to the [Florida Disaster Resilience Initiative](#) –Program Administrator

Recent Projects:

- PhotoVoice Panama City: *Coming of Age in the Eye of Michael* exhibits photographs taken by students of Rosenwald High School and their stories of #LifeAfterMichael

External Research Coordinator Florida Atlantic University Center for Environmental Studies (CES)
2019: *CES Resilience Mapping Initiative* in Estates of Ft. Lauderdale
2018: Summer Interdisciplinary Resilience Seminar Presenter

Advisor: Initiative on Coastal Adaptation and Resilience, University of South Florida, St. Petersburg
2018: [Advisory Panel](#)
2017: [Health and Climate Change Presentation](#)

Project Director: [Rising Together: Shorecrest, Miami + Community Health Mapping 2017](#)

A collaboration of UU Justice Florida with National Institutes of Health-National Library of Medicine Community Health Mapping Initiative, Florida International University Sea Level Solutions Center, City of Miami, Miami-Dade County, and Southeastern Yearly Meeting of the Religious Society of Friends to provide educational outreach to residents in the lowest lying neighborhood in the City of Miami.

Lecturer: Audubon Everglades– Palm Beach County _____ 2016 – present
Annual Audubon Conservation Stewardship Training Course

President Heron Bridge Education, LLC 2016-present

Self-owned (with spouse) small business providing administration and consulting support for climate change and environmental projects with educational components. Training tools for mobile data collection and online collaboration.

Recent Projects:

- *Let's Vax Up! It Takes a Village* CDC-RFA-IP21-2113: Co-conceptualization of project, vulnerable community mapping, grant co-authorship, and technical support
- *Blue-Green Climate Action Planning in Four Underserved Communities in Orlando*
- *Communities Respond to Environmental Health Impacts of Hurricane Michael*. Co-conceptualization of project, grant co-authorship, and technical support for LEAD Coalition of Bay County. [Project description EPA Region 4](#)
- *Resilient and Regenerative Recovery in Glenwood, Millville and St. Andrews, Bay County*, with Faith Builder Network asset and liability mapping
- Virtual COVID-19 pandemic response. Providing leadership on the core team of *Resilient American Cities* under the direction of Dr. Michael D. McDonald using Resilience Systems to coordinate citizen engagement to: amplify accurate scientific information, provide hyper-local vulnerability assessments, facilitate virtual community deliberation, coordinate action, and provide hyper-local mapping to help flatten the pandemic curve.

Alliance for Global Resilience and Regeneration (AGRR) 2017- present

- Heron Bridge Education LLC is a founding member of AGRR
- Response to Hurricane Michael in the Florida panhandle
- Response to Hurricane Dorian in Central Florida and the Bahamas
- Design of [Community Dashboards](#) and [training materials](#) to prepare residents of vulnerable communities to engage in coordinated response and recovery to natural disasters
- Co-Design and co-implementation of Serious Games disaster simulations
- Technical support to train and supervise teams using mobile data collection apps to map public health and safety concerns, including in Hurricane Dorian Response in the Bahamas.
- Data cleansing and reporting, grant writing, collaborative dashboard maintenance

Project Director Replicable and Scalable Community Resilience Building in Two Communities in Palm Beach County, Florida EPA Grant EQ- 00D35415 2015-2016

Conceptualization of project, grant authorship, hiring and supervision of project managers and subject experts; website development of www.ReACTToolKit.net, community partner recruitment, video and photographic documentation, oral history recording, editing and transcribing, data analysis and grant reporting. Oversight of two projects to build coastal resilience in Palm Beach County.

Awards

- 2020 National Coalition of 100 Black Women, Inc. Central Florida Chapter Award for Outstanding Community Service
- 2017 FEMA National Community Preparedness Champion (Honorable Mention)

Poster: 8th Annual Southeast Florida Regional Climate Leadership Summit

2016: [Rising Together: Temperature, Water, Health and Strength](#)

Equitable Process Council Development



HEATHER VICKERY

394 Central Street, Saugus MA 01906 | hvickery@uucsj.org |
206-452-9023

EXPERIENCE

Unitarian Universalist Service Committee (UUSC)

Coordinator for Congregational Activism: August 1, 2019 - current

- Work with congregations, state action networks (SANs) and UUA regional staff to help UU's do their social justice work more effectively and faithfully.
- Serve as part of the Congregational Accompaniment Project for Asylum Seekers (CAPAS) team and manage the consultant who acts a CAPAS Coordinator.
- Manage and facilitate UUSC and UU College of Social Justice (UUCSJ) workshop offerings to congregations, SANs and other groups.
- Participate in UUSC/UUCSJ wide anti-oppressive initiatives including serving in various union positions and participating in the Dismantling White Supremacy Working Group.

Beyond Bond & Legal Defense Fund

Co-Coordinator and Core Team Member (Volunteer): January 2017 – Current

- Manage the books of the bond fund including working with our accountant to file all required state and federal paperwork and reports to the board of the Bond Fund.
- Work with fellow coordinator to manage our funds to get as many people free from immigration prison as possible.
- Represent the Bond Fund at National Bail and Bond Fund Meetings.
- Collected and submitted all paperwork and information to earn 501C3 status from the IRS

UU College of Social Justice (UUCSJ)

Senior Associate for Outreach and Enrollment: December 15, 2015 – July 31, 2019

- Managed the UUCSJ's outreach and social media efforts including creating outreach materials, creating a UUCSJ Instagram account and redesigning the website.
- Streamlined the UUCSJ enrollment process using Salesforce and ~~FormAssembly~~ ~~FormAssembly~~.

- * Liaised with the communications staff of the Unitarian Universalist Association and the UUSC to fully enroll UUCSJ programs.
- * Managed two summer communication interns, including weekly supervision meetings, assigning projects and evaluating their time with UUCSJ.

Housing Families, INC.

Development Associate: April 2014 – December 2015

- * Administered Raiser's Edge Database which included cleaning up data, entering gifts, and pulling reports.
- * Maintained the Housing Families website using WordPress.
- * Created individual giving direct mail letters, emails and thank you notes.

EDUCATION

University of Washington, Evans School of Public Policy – Master of Public Administration

Skidmore College, BA in Classics and Government

AWARDS AND ACKNOWLEDGEMENTS

- * Granted Aspirant status by the Unitarian Universalist Ministerial Fellowship Committee which is the first step toward being ordained as a minister.
- * Served on Parish Board of First Parish in Malden, Universalist from 2015-2021 including one year as Secretary, one year as Vice President and four years a President.
- * Chaired the Social Justice Committee at First Parish Malden from April 2014 – 2017.
- * 2018 Volunteer of the Year Award from Bread of Life, Malden for redesigning their website.

Data Librarian

Leah Booher

4949 S Landing Drive, Unit 643
Portland, OR, 97239
p (503)-737-9244
or lea Booher2016@gmail.com

Education

- 2019-2021 **Florida State University**, *Master of Science in Information.*
- 2016-2019 **University of Florida**, Bachelor of Arts in Environmental Geosciences.
- 2012-2016 **Florida Atlantic University High School**, Dual-enrollment High School.

Job Experience

- 2021-Present *Portland Community College*, **Math Mentor**
- 2021-Present *Heron Bridge Education*, **Data Librarian**
- 2020-2021 *Florida State University*, **Metadata and Discovery Services**, Graduate Assistant, Library and Museum Associate on USEdit team, Team Lead of USEdit Data Gathering Team
- 2020 *Unitarian Universalist College of Social Justice*, **Summer Internship**, Data justice work engaging with community groups in low income communities of color to identify and map data related to health disparities and COVID-19 impacts
- 2018-2021 *Heron Bridge Education*, **Data Steward**, Health and Environmental Equity Data Steward
- 2018-2019 *University of Florida*, **Cataloging and Discovery Services**, Student Assistant University of Florida Smathers Library
- 2015-2016 **M+G Foundation**, Bi-lingual Tutor of Chinese Students enrolled in Florida Virtual School

Cataloging Experience

- Materials** Audio CDs, DVDs, Musical Scores, Government Documents, Dissertations, Pamphlets, Blu-ray, Books
- Languages of Materials** English, Russian, German, Italian, Spanish, French, Polish, Chinese, Hebrew, Tagalog, Japanese, Korean, Arabic, Ukrainian, Polish, and Portuguese
- Software** OCLC Connexion, ALEPH, Excel, Word, Powerpoint, Outlook, Overleaf (Word Processing Alternative, uses ShareLateX coding), Google Docs Platform, Drupal, ALMA, OpenRefine, Microsoft Teams
- Subject Areas** Sciences, Arts, Humanities, Health Sciences, Legal, Judaica, Latin American Materials, African Materials, Chinese Materials
- Processing** DVDs, Books, Musical Scores

Skills

- Patron Services** **Assisted patrons** during daily operations and experience **working with faculty and staff**
- Metadata Management** **Three years** experience with **ALEPH, MARC, and OCLC**
- Researched and drafted metadata standards

Data reconciliation and data remediation**Assessment of records****Merged and created records in ALEPH****Identified errors with records in ALEPH and OCLC in RDA format**

Located and validated resources in databases

Shelf Maintenance	Knowledge of processing materials through OCLC, ALEPH, labelling, and theft prevention
	Pulled books from shelves and identified books in need of repair or record correction
	Performed assessment for need of preservation under the following conditions: mold, pests, rebinding, illegible materials, and misplaced materials
	Worked with rare materials , microfilm reader, map material, and donated materials
	Printed and adhered labels, applied and removed barcodes, checked call numbers, and applied and removed anti-theft mechanisms
Collection Management	Isolated missing books, books in need of repair, and compared books on the shelf to the catalog

Bilingual Hispanic Community Management

Padre Jose Rodriguez

Oviedo, Florida, United States



jose.rodriguez.fl@gmail.com



321-328-7769



linkedin.com/in/padrejoserodriguez

Summary

Experienced bi-vocational priest and civil servant. As a priest and academic building the people of God and the Kingdom of God through advocacy and service to the underserved. As a civil servant, serving the Department of Defense for over a decade supporting the warfighter and Federal contracting.

Experience

Vicar

Iglesia Episcopal Jesus de Nazaret

May 2017 - Present (4 years 11 months +)

Together with Christ the King Episcopal Church the Episcopal Church in Azalea Park.

co-Rector

Christ the King Episcopal Church

Sep 2021 - Present (7 months +)

Together with Iglesia Episcopal Jesús de Nazaret the Episcopal Church in Azalea Park.



Operations Research Systems Analyst (ORSA-1515)

Defense Contract Management Agency (DCMA)

Jul 2018 - Present (3 years 9 months +)

As an Operations Research Systems Analyst (ORSA-1515) support Defense Contract Management Agency (DCMA) as a Earned Value Management Analyst.



Recruitment and Data Collection Lead

Adelante Boricua

Jan 2019 - Present (3 years 3 months +)



Operations Research Systems Analyst (ORSA-1515)

Marine Corps Systems Command

Jul 2010 - Jul 2018 (8 years 1 month)

As an Operations Research Systems Analyst (ORSA-1515) supported Program Manager Training Systems (PM TRASYS) as a Cost Estimator.



Associate Priest

Church of the Incarnation

Dec 2013 - May 2017 (3 years 6 months)

The award comes to Rodriguez for his advocacy for the Latino community "from the halls of Congress to the offices of local county commissioners and school board members," he said. This advocacy "is deeply rooted in disaster preparedness and recovery work," he added.

For more information in English:

<https://www.facebook.com/padrefoseroedriquez/photos/a.2836633436549770/3040400516173060>

Central Floridian of the Year Finalist - Orlando Sentinel

2020

José Rodríguez: 'Father of the Diaspora' for helping communities that need it the most

After working in the debt collection field of finance, José Rodríguez realized he could no longer be a part of taking things away from people. So he went to seminary, became an Episcopal priest and now helps underserved communities in east Orange County, earning him the nickname "father of the diaspora" and a place among the six Central Floridian of the Year finalists.

For more information:

<https://www.facebook.com/padrefoseroedriquez/photos/a.2836633436549770/2844056489140798>

Distinguished Leader in Florida - United States House of Representatives

2020

The Rev. José Rodríguez, vicar of Iglesia Episcopal Jesus de Nazaret, Orlando, has been honored with special recognition from the U.S. House of Representatives. The honor given by Congressman Darren Soto representing the 9th District of Florida for Hispanic Heritage Month 2020.

For more information visit:

<https://www.facebook.com/padrefoseroedriquez/photos/a.2836633436549770/2837618359784611>

Outstanding Student in Jewish Studies - Department of Religious Studies

May 2002

I was one of the two first students to complete the newly inaugurated Jewish Studies program at Rollins College in 2002.

Honors for Se Habla Español Campaign - Vamos4PR

2017

Honors for campaign to increase resources and access for English learners and their parents in Orange County Public Schools.

Exceptional Leader for Refugees for Housing Campaign - Vamos4PR Actions

2018

Recognition as exceptional leaders for representing Iglesia Episcopal Jesus de Nazaret in a housing campaign for displaced Hurricane Maria survivors in Central Florida.

Quality Assurance Engineer



HENRY MENDOZA

OUTREACH MANAGER & QUALITY ASSURANCE ENGINEER

Industrial engineer with years of experience in production techniques and processes, operational research and integrated management systems; has the leadership skills to plan, organize and direct projects and business entities in lines of production, finance, quality control, social media, and human resources, among others.

CONTACT

☎ 312-966-0793

✉ outreach@igieslaorlando.com

EDUCATION HISTORY

Pontificia Bolivariana University 2007-2012
Industrial Engineer

WORK EXPERIENCE

TECHHealth Initiative 2021-Present

- OUTREACH MANAGER for Christ the King Episcopal Church's local and federal grants and relationship manager with local and national universities and nonprofits.
- Content creator for projects promoting unity among the Black and Hispanic community in issues of health, equity, and other disparities

Alianza Center 2021-present

- CONSULTANT responsible for videography, content creation and promotion of campaigns and educational outreach to Latino community.

@HooverCajica 2018-present

- SOCIAL MEDIA MANAGER responsible for strategy and creating audience of 50,000 followers on Facebook.
- Videographer, producer and content creator supporting digital projects with a reach of 3,000,000 views a month.

ICBF - Colombia 2016-2018

- SOCIAL MEDIA MANAGER and CONTENT CREATOR using digital platforms to push digital communications to victims of armed conflict and other difficult-to-reach vulnerable populations.

GRANT ADMINISTRATION

Communities RISE 2021-Present

- Subrecipient OUTREACH MANAGER for partner for a project of Coalition of a 100 black women Central Florida under a grant from Communities RISE Together Partnership funded by the CDC (CDC Grant #NU21P000596-01-0001D15120).

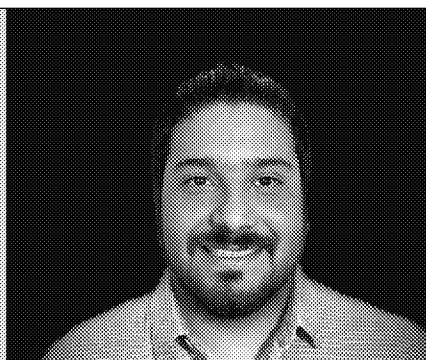
University of Texas - Austin 2021-Present

- Subrecipient OUTREACH MANAGER supervising and coordinating effort on a federal grant by supporting recruitment of participants for Venezuelan migration research project.

Environmental Technician

FIDEL HERNANDEZ

ENVIRONMENTAL TECHNICIAN



PHONE

312 962- 9438

EMAIL

fidel.he.ia@gmail.com

ADDRESS

270 Moree Loop #1
Winter Springs, FL, 32708

WORK EXPERIENCE

2020 - 2021

Factor 75

Aurora, IL

- > **Quality Control**
Inspected the quality of products based on client specifications

2019

Food Evolution

Franklin Park, IL

- > **Quality Control**
Performed chemical and physical laboratory samples

2010 - 2018

Madecentro

Colombia

- > **Quality Control and Training Specialist**
Established quality controls based on company standards

EDUCATION HISTORY

2006 - 2010

Unidades

Tecnológicas de

Santander

- > **Environment Technology**
Completed studies

2020

Prometric

- > **Professional Food Safety Manager**

PROFILE

Assists of conduct research and scientific studies concern the environment and nature, gather samples, perform analysis and experiments, and maintain an extensive record of all procedures, summarize finds into comprehensive documents and presentations

SKILLS

- Competent in Microsoft Office (Word, Excel, PowerPoint)
- Experience handling personal and sensitive information
- Strong interpersonal and communication skills both in person and over the phone
- Detail oriented and organized professional
- Training and instruction of personnel
- Management of programs related to knowledge of workplace risks

Environmental Engineer



Silvia Mendoza

ENVIRONMENTAL
ENGINEER

EDUCATION

Universidad Pontificia Bolivariana
2009-2014

Environmental Engineering

Unidades Tecnológicas de Santander
2015-2018

Environmental Technology

Bachelor's Level Degree

EXPERIENCE

Gobernación de
Santander

2018 - External Consultant

- Prepared, reviewed and updated environmental investigation reports.
- Designed projects aimed at protecting the environment, such as the recovery of water facilities, systems for the control of air pollution and for the production of energy based on waste.
- Provided technical advice for the recovery of the environment and for the development of protection projects, in addition to the implementation of legal actions.

ABOUT ME

Use the principles of engineer, soil science, biology, and chemistry to develop solutions to environmental problems. work to improve recycling, waste disposal, public health, and water and air pollution control.

SKILLS

- Analyze scientific data and perform quality controls.
- Monitor the progress of environmental improvement programs.
- Inspect industrial and municipal facilities to verify compliance with environmental controls.
- Advise corporations and government agencies on procedures for the cleanup and recovery of contaminated areas.

CONTACT

silvia.mendoza14@hotmail.com

+1312-586-0358

270 Moree Loop #1

Winter Springs, FL, 32708

AQ and Health Instruction

Jennifer Ruth Sankey, Ph.D., MHA, BSN, RN, CPPS

830 Schopke Lester Road, Apopka, Florida 32712 | Mailing Address: P.O. Box 2283, Apopka, Florida 32704
(407) 421-0158 | Jennicoop@embarqmail.com

Expert performance consultant and scholar with over 35 years of leadership experience provide services and support in human performance, project management, and research using evidence-based techniques to motivate people, operationalize projects, and evaluate performance. Possesses extensive knowledge, skills, and ability to help individuals and teams with project activities from start to finish. As a practicing leader, facilitator, coach, mentor, educator, and data manager, diverse methods and strategies equip individuals and teams with knowledge acquisition for practical application and goal achievement. This self-directed professional exhibit positive energy, communication skills, adaptability and fosters a supportive and collaborative learning environment. Involvement in local and national associations and personal growth and development plan contributes to staying current on relevant topics and broadening knowledge. This highly qualified advisor and scholar poised and ready to perform essential duties to help individuals and organizations carry forth their missions and visions.

PROFESSIONAL EXPERIENCE

Tree of Life SowRight Enterprise, L.L.C.

Chief Executive Officer, Wellness and Performance Advisor | April 2018 to Present

Director of Patient Safety and Clinical Safety and Quality Performance and Project Consultant

Florida Hospital Apopka and Florida Hospital Winter Garden | February 2006 to December 2018

Director of Surgical Services

Florida Hospital Waterman | April 2003 – December 2005

Director of Surgical Services

Florida Hospital Waterman | January 2000 – April 2003

Manager of Surgery

Florida Hospital Orlando | May 1998 – December 2000

Clinical Educator

Florida Hospital Orlando | 1995 – 1998

PROFESSIONAL ACCOMPLISHMENTS AND SKILLS

Over 35 years of leadership experience in the acute hospital setting and non-hospital organizations with varied responsibilities and direct oversight of up to 150 employees.

Noteworthy Performance:

- ✓ Completed quantitative research with manuscript accepted for publication by the Journal of National Black Nurses
- ✓ Master Trainer of theoretical performance improvement models for frontline staff and executives, Six Sigma Trained.
- ✓ Grant awarded in November 2020 and March 2021 for a community organization with a focus on chronic diseases.
- ✓ Achieved Continuing Education Provider status – Central Florida Black Nurses Association of Orlando, May 2021
- ✓ Co-planner for Solider to Scholar Community health fair, May 2021
- ✓ Strategic Planning and Execution of Primary Stroke Center, Sinus Center, and Digestive Health Center at Florida Hospital/Advent Health.
- ✓ Developed Educational Curriculum and orientation plans for Nurses.
- ✓ Scholarly Support – Content expert for doctoral students at Grand Canyon University
- ✓ Mentor for nurses in the Florida Nurses Association
- ✓ Lecturer and Motivational Speaker – Leadership Conferences – multistate
- ✓ Project Management leading multidisciplinary teams including executives, physicians, nurse leaders, and other healthcare professionals in the development and redesign of process maps resulted in the improvement of glucose levels for diabetes management and the reduction of patient falls.
- ✓ Technology Subject Matter Expert- implemented I-AM-Safe Med Scan
- ✓ Primary contact for all safety issues – communication with internal and external customers
- ✓ Coordination of Hospital Accreditation Activities – Awarded ISO 9000 by DNV
- ✓ Budget preparation and management – Managed budgets for seven departments
- ✓ Lifestyle Coaching – Developed and Led F.I.T. for E-Life Health and Wellness 3-day Retreat for 5 yrs.

EDUCATION

Doctor of Philosophy - General Psychology with emphasis in Performance Psychology
Grand Canyon University | Phoenix, Arizona | May 2018

Master of Science in Healthcare Administration
Andrews University | Benton Springs, Michigan | May 1995

Bachelor of Science in Nursing
Southern Adventist University | Collegedale, Tennessee | April 1993

Associate of Science in Nursing
Valencia Community College | Orlando, Florida | September 1993

TECHNICAL SKILLS

- * Proficient in Microsoft Office, all programs – Word, Excel, PowerPoint, Publisher (20+ years).
 - * Trained in the use of SPSS and mini tab (10+ years).
 - * Document management on LotusCloud and DC Network for Grand Canyon University
 - * Operation of digital media – Zoom, Susan Yard, Skype, YouTube channels
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CERTIFICATIONS AND LICENSES

- * Certification of Professional Patient Safety | August 2018 to August 2021
 - * Registered Nurse License 1461472, maintains | Expires July 2021
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ASSOCIATION AFFILIATIONS

- * Central Florida Black Nurses Association of Orlando, President
 - * National Black Nurses Association
 - * American Nurses Association
 - * Florida Nurses Association, Member and Mentor
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ADDITIONAL INFORMATION

- * Research on Functional Social Support and Perceived Stress of Nurses in Secular Hospitals and Religiously Affiliated Hospitals approved for publication in the Journal of National Black Nurses Association.
- * Certificate for Project Management - Initiating and Planning Project, University of California, 2020
- * Grant writing Training with award of an undisclosed amount of funds for a non-profit organization, 2020
- * Master trainer for Whole Person Care and ADOLAR performance improvement model
- * CITI Training
- * Curriculum writer for the Adventist Patient Safety Academy
- * Team STEPPS Training
- * Ealsledge Training
- * IHI Patient Safety Officer Course
- * Training in Disney Customer Experience and Data Carnegie Course
- * Six Sigma Green Belt

References will be provided upon request